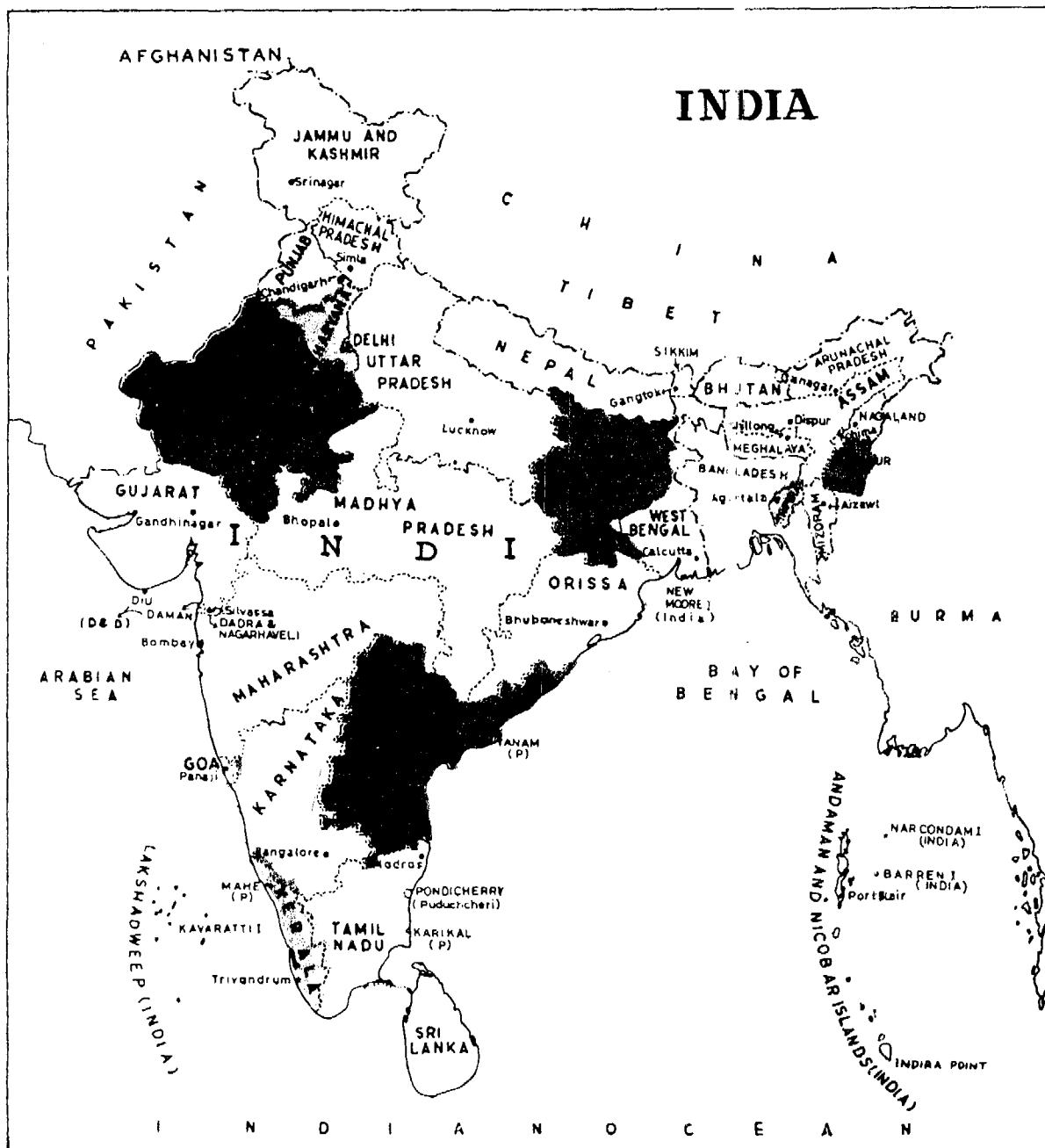


# **STATISTICAL ABSTRACT**



**INDIA  
1989**

**CENTRAL STATISTICAL ORGANISATION  
DEPARTMENT OF STATISTICS  
MINISTRY OF PLANNING  
GOVERNMENT OF INDIA**



- \* Based upon Survey of India map with the permission of the Surveyor General of India.
- \* The boundary of Meghalaya shown on this map is as interpreted from the North-Eastern Areas (Reorganisation) Act 1971 but has yet to be verified.
- \* The territorial waters of India extend into the sea to a distance of twelve nautical miles measured from the appropriate base line.
- \* The administrative headquarters of Chandigarh, Haryana and Punjab are at Chandigarh.
- \* Responsibility for the correctness of the internal details rests with the Publisher.

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## P R E F A C E

The current issue, which is the thirty-first in the new series of the Statistical Abstract, incorporates the latest available data upto March, 1989 under important heads of economic and social development. It gives national aggregates generally for 1950-51, 1955-56, 1960-61, 1965-66, 1970-71, 1975-76, 1980-81 and for latest three or four years. State-wise information is presented for the latest year.

2. This publication has been printed by the modern technique of computer aided photo litho process. Effectiveness of the method is both with regard to enaoling elegant presentation of tables and reducing the time-lag in printing.

3. A review of the subject coverage of Statistical Abstract is made regularly with a view to introducing improvements in the light of the latest developments and the availability of fresh data. Changes effected in the tables in the current issue, as compared with the previous issue, are given at page (x).

4. The Statistical Abstract serves as an important source material for authentic data on different sectors of the Indian economy. The source agencies are indicated under each table. The relevant publications of these agencies furnish more detailed information on the subjects.

5. The continued and generous co-operation given by various offices of the Central Government, State Governments and Public undertakings, in making available the required data for the Abstract is gratefully acknowledged. Suggestions for improvement received from the users are also acknowledged with gratitude.

**M.G.Sardana**  
**Director General**

**CENTRAL STATISTICAL ORGANISATION**  
**DEPARTMENT OF STATISTICS**  
**MINISTRY OF PLANNING**  
**GOVERNMENT OF INDIA**  
**NEW DELHI**  
**APRIL, 1990.**

**The following symbols have been used in the Abstract:**

- .. Not available
- Nil or negligible
- (P) Provisional
- n.e.c. not elsewhere classified.
- n.e.s. not elsewhere specified.

**Note:** Arunachal Pradesh and Mizoram became States w.e.f. 20.02.1987 and Goa w.e.f. 30.05.1987. These are, however, shown under Union Territories in the various tables giving State-wise information.



# CONTENTS

Table	1. AREA AND POPULATION	Page
1	Area and population by states . . . . .	3
2	Area and population by districts . . . . .	4-14
3	Number and population of towns and villages (by classes) . . . . .	15-16
4	Population of cities . . . . .	17-22
5	Decennial growth of population . . . . .	23-25
6	Density-wise distribution of population and area . . . . .	26-27
7	Ranks of states and union territories by population and area . . . . .	28
8	Economic classification of the population . . . . .	29-31
9	Expectation of life . . . . .	32
10	Population by major religious communities . . . . .	33-34
11	Population of scheduled castes and scheduled tribes . . . . .	35-36
12	Estimated mid-year population . . . . .	37
	<b>2. RAINFALL</b>	
13	Monthly and annual rainfall 1988- by meteorological sub-divisions . . . . .	39-41
14	Annual rainfall- by meteorological sub-divisions . . . . .	42
	<b>3. AGRICULTURE</b>	
15	Pattern of land utilisation . . . . .	46-47
16	Area under principal crops . . . . .	48-50
17	Production of principal crops . . . . .	51-53
18	Average yield of principal crops . . . . .	54-56
19	Index number of Agricultural production . . . . .	57
20	Agricultural implements and machinery . . . . .	58
	<b>4. LIVESTOCK AND FISHERIES</b>	
21	Livestock and poultry . . . . .	60
22	Cattle and buffaloes used for work only . . . . .	61
23	Production of milk . . . . .	62
24	Production of raw wool . . . . .	63
25	Fish catch and landings by group of species . . . . .	64
26	Distribution of fish catch . . . . .	64
	<b>5. FOREST</b>	
27	Classification of total forest area . . . . .	66-67
28	Outturn of forest produce . . . . .	68-69
29	Revenue from and expenditure on forest . . . . .	70
30	Protection of forest . . . . .	71
31	Progress of forest regeneration and afforestation . . . . .	72
	<b>6. SERICULTURE</b>	
32	Production of raw silk and silk yarn . . . . .	74
32A	Export of silk goods and silk waste . . . . .	75
	<b>7. IRRIGATION</b>	
33	Net area under irrigation- by sources . . . . .	77
34	Gross area under irrigation- by crops . . . . .	78
	<b>8. MINING</b>	
35	Number of Mines in India. . . . .	80-83
36	Production of minerals and ores and details- by selected items . . . . .	84-92
37A	Index of mineral production (quantum index - Base:1970=100) . . . . .	93-94
37B	Index of mineral production (quantum index - Base:1980-81=100) . . . . .	95
	<b>9. INDUSTRY</b>	
38	Annual survey of industries (Factory Sector)-by states . . . . .	99-101
39	Annual survey of industries (Factory Sector)-selected characteristics by industries . . . . .	102-110
40	Mill production of cotton yarn . . . . .	111
41	Production of cotton cloth- by categories . . . . .	112-113

# CONTENTS-contd.

Table	9. INDUSTRY-contd.	Page
42	Production of man-made fibre fabrics . . . . .	114
43	Production of selected industries . . . . .	115-126
44	Index number of industrial production . . . . .	127-133
	<b>10. POWER</b>	
45	Electricity-Installed capacity, generation and consumption . . . . .	135-136
46	Electricity sold to ultimate consumers . . . . .	137-138
47	Number of towns and villages electrified in India. . . . .	139
	<b>11. BANKS</b>	
48	Liabilities and assets of the Reserve Bank of India . . . . .	142
49	Liabilities and assets of different classes of banks . . . . .	143-144
50	Cheque clearances- by centres . . . . .	145
51	Cash deposit ratio by class of banks . . . . .	146
52	Industrial Finance Corporation Liabilities and Assets . . . . .	146
53	State Financial Corporations Liabilities and Assets . . . . .	147
54	Industrial Development Bank of India Liabilities and Assets . . . . .	148
55	Industrial Credit and Investment Corporation of India Liabilities and Assets . . . . .	148
	<b>12. CO-OPERATIVE SOCIETIES</b>	
56	Number and membership-all types . . . . .	150
57	Number, membership and financial position of state co-operative banks . . . . .	151
58	Number, membership and financial position of central co-operative banks . . . . .	152
59	Number, membership and financial position of primary credit societies . . . . .	153-155
60	Number, membership and financial position of grain banks . . . . .	156
61	Membership and financial position of central land development banks . . . . .	157
62	Number, membership and financial position of primary land development banks . . . . .	158
63	Number, membership and financial position of primary non- credit societies (Excluding Insurance Societies) . . . . .	159
	<b>13. JOINT STOCK COMPANIES</b>	
64	Joint stock companies at work . . . . .	161-166
65	Joint stock companies: newly registered . . . . .	167-171
66	Joint stock companies: liquidated . . . . .	172-176
	<b>14. INSURANCE</b>	
67	Summary of life insurance revenue account of the Life Insurance Corporation of India . . . . .	178
68	Liabilities and assets of the Life Insurance Corporation of India . . . . .	179-180
69	New life insurance business by Indian Insurers and total life insurance business in force . . . . .	181
70	Post Office Life Insurance Fund Account . . . . .	182
71	Postal life insurance policies issued . . . . .	183
72	Particulars relating to premium derived from fire,marine and miscellaneous insurance business of Indian Insurers . . . . .	184
	<b>15. TRADE</b>	
73	Foreign trade-overall trade in merchandise and treasure . . . . .	191
74	India foreign trade by groups, divisions and sections . . . . .	192-212
75	-Value of imports of merchandise into India by principal countries of consignment . . . . .	213-215
76	-Value of exports of merchandise (Indian produce and manufactures) from India by principal countries of destination . . . . .	216-218
77	-Value of re-exports of merchandise from India by principal countries of destination . . . . .	219-220
78	-Summary of the value of merchandise trade by revised economic regions. . . . .	221-222
79	-Quantity and value of imports of principal articles of foreign merchandise . . . . .	223-224
80	-Quantity and value of exports of principal articles of Indian produce and manufactures . . . . .	225-226
81	-Index numbers of imports of the unit values and of quantum of imports . . . . .	227
82	-Index numbers of exports of the unit values and of quantum of exports . . . . .	228

# **CONTENTS-contd.**

Table	15. TRADE-contd.	Page
83A	Coasting trade-Total value of import merchandise to various maritime blocks of India	229
83B	-Total value of export merchandise from various maritime blocks of India	229
84	Inland trade-Movement of certain principal articles by rail and river between the states and chief port towns	230-233
<b>16. BALANCE OF PAYMENTS</b>		
85	Overall balance of payments	236-238
86	Regional balance of payments-current account	239-244
87	External assistance-authorisation and utilisation classified by source	245-248
<b>17. RAILWAYS</b>		
88	Railways statistics-summary	251-254
89	Passengers and goods carried and earnings derived therefrom by railways	255
90	Capital at charge, earnings and expenses of railways	256
91	Financial results of Government railways	257
92	Revenue account of the railways in respect of which Government is financially responsible	258
93	Details of gross traffic earnings	259
94	Number of persons killed and injured according to nature of accidents	260-261
<b>18. MOTOR VEHICLES</b>		
95	Number of motor vehicles registered in India.	263
96	Revenue from road transport	264-265
97	Number of motor vehicles plying on inter-state routes with regular permits	266
98	Working of state transport undertakings	267
<b>19. ROADS</b>		
99	Length of highways by authorities	269-270
100	Length of urban roads by authorities	271
101	Length of project roads by authorities	272-273
102	Length of national and state highways- by width	274
103	Growth of National highways in India and Central Government expenditure incurred there-on	275
<b>20. SHIPPING</b>		
104	Strength of Indian merchant shipping fleet	277
105	Share of Indian flag vessels in the overseas cargo traffic handled at ports	278
106	Vessels entered and cleared	279-282
107	Number and tonnage of vessels which entered Indian ports	283
108	Number and tonnage of vessels which cleared at Indian ports	284
109	Tonnage of vessels which entered and cleared in ballast at Indian ports in coastal trade	285-286
110	Tonnage of vessels which entered and cleared with cargo at Indian ports in coastal trade	287-288
111	Total shipping in the foreign and coastal trade at principal ports-summary	289-292
112	Gross weight of cargo handled at major ports	293-294
<b>21. CIVIL AVIATION</b>		
113	Indian scheduled operations	296-297
114	Indian non-scheduled operations	298
<b>22. TOURISM</b>		
115	Number of foreign tourists to India	300-302
<b>23. POSTS AND TELECOMMUNICATIONS</b>		
116	General statistics of post offices	305
117	Estimated number of postcards, letters newspapers, parcels and packets	306

CONTENTS-contd.

Table	23. POSTS AND TELECOMMUNICATIONS-contd.	Page
118	Number of post offices, letter boxes and postal articles (excluding money orders)	307
119	Total number and amount of money orders	308
120	Number of post office saving banks, depositors and amount of deposits	309
121	Receipts and charges of the post offices	310
122	Post office capital account expenditure	311
123	Telegraphs lines-summary	311
124	Telephone lines-summary	312
125	Telephone offices-summary	312
126	Telegraph statistics	313-314
127	Telegraph statistics-offices	315
128	Radio telegrams	316
129	Capital revenue and working expenses of the Telecommunications Department	317
130	General results of the Posts and Telecommunications Department	318
	<b>24. LABOUR</b>	
131	Estimated employment in the public and private sectors	324
132	Employment in railways	325
133	Factory employment	326-353
134	Employment in factories-Adults, adolescents and children according to sex	354
135	Estimated average daily employment in Working factories using power	355
136	Estimated employment in generation, transmission and distribution of electric energy	356
137	Employment in mines	357-358
138	Employment in plantations	359
139	Employment in shops and commercial establishments	360
140	Number of applicants on live register of employment exchanges	361-362
141	Number of applicants placed in employment through employment exchanges	363-364
142	Total earnings of factory workers in India	365
143	Average per capita annual earnings of factory workers	366
144	Average per capita annual earnings of factory employees by industries	367-368
145	Wages and earnings of mining labour	369
146	Industrial injuries in factories	370
147	Industrial injuries in mines	371
148	Industrial disputes	372
149	Industrial disputes	373
150	Workmen's compensation	373
151	Labour training	374
152	Employment in insurance	375
153	Employment in banks	375
154	Employment in ports	376
	<b>25. TRADE UNIONS</b>	
155	Number, membership income, expenditure and funds of registered trade unions	378
156	Number of registered trade unions	379-380
157	Number of workers' and employers' unions submitting returns and their membership by industries	381-383
158	General funds of registered trade unions	384-386
	<b>26. PRICES</b>	
159	Index number of wholesale prices in India-Revised Series	391-393
160	Consumer price index number for industrial workers	394-402
161	Consumer price index number for urban non-manual employees	403-404
162	Consumer price index number for agricultural labourers	405
163	Index number of security prices-All India	406
164	Spot prices of gold and silver at Bombay	407
	<b>27. NATIONAL PRODUCT AND RELATED AGGREGATES</b>	
165	National product at factor cost (at current prices)	409
166	National product at factor cost (at 1980-81 prices)	409
167	Net domestic product at factor cost by industry of origin (at current prices)	410
168	Net domestic product at factor cost by industry of origin (at 1980-81 prices)	411
169	Private Final Consumption expenditure in domestic market (at current prices)	412
170	Private Final Consumption expenditure in domestic market (at 1980-81 prices)	412
171	Domestic savings (at current prices)	413
172	Capital formation by type of assets and by type of institutions (at current prices)	414

CONTENTS-contd.

Table	27. NATIONAL PRODUCT AND RELATED AGGREGATES-contd.	Page
173	Capital formation by type of assets and by type of institutions (at 1980-81 prices)	415
174	Performance of public sector (at current prices)	416
175	Performance of public sector (at 1980-81 prices)	417
	<b>28. NATIONAL FINANCE</b>	
176	Overall budgetary position of the Government of India	419
177	Budgetary position of the Government of India-revenue and capital account	420-427
178	Consolidated budgetary position of states	428
179	Consolidated budgetary position of states-revenue and capital account	429-431
180	General statement of the revenue receipts and revenue expenditure account of Union, State Governments and Union Territory	432-433
181	Commodity-wise details of revenue from customs duties	434-437
182	Revenue from union excise duties	438
183	Receipts and expenditure under corporation tax and tax on income other than corporation tax	439-442
184	Economic classification of the central budget	443-448
	<b>29. INCOME TAX</b>	
185	Number of returns, returned income and tax payable by status and returned income range	450-452
186	Number of returns, income returned and tax payable by status and returned income range (Statewise)	453-455
187	Number of returns, gross income and gross tax-by source of income	456
188	Deductions, rebates and relief-by nature of deductions/rebates	457
189	Rate of tax for assessment year 1988-89	458
190	Number of returns, gross income and gross tax from business and profession by nature of business	459-468
	<b>30. EXCHANGE, COINAGE AND CURRENCY</b>	
191	Money rates in India	472
192	Spot prices of silver in London, New York and Bombay	473
193	Number and value of coins minted	474-475
194	Statistics of note circulation in India	476
195	Money stock measures	476
196	Movements in circulation of decimal coins	477
	<b>31. CRIME STATISTICS</b>	
197	Number of cognizable crime reported	479
198	Total cognizable crime-cases	480
199	Total cognizable crime-persons	480
200	Recidivism-total cognizable crime	481
201	Property stolen and recovered (no of cases)	481
202	Juvenile delinquency	482-483
203	Juveniles apprehended under cognizable crime	484
204	Juvenile delinquency under local and special laws (cases reported)	485
205	Juveniles apprehended (by age group and sex)	486
206	Particulars of juveniles arrested under IPC cognizable crime and offences under local and special laws	487-488
207	Disposal of juveniles	489
208	Number of persons arrested according to sex	490-492
209	Motive of murder and culpable homicide not amounting to murder- (cases)	493-494
210	Police strength	495
211	Number of cognizable crime and strength of police force	496
	<b>32. ACCIDENT STATISTICS</b>	
212	Number of accidental deaths	498-499
213	Number of suicides	500-501
	<b>33. EDUCATION</b>	
214	Educational institutions, scholars and expenditure-General summary	504

# CONTENTS-contd.

Table	33. EDUCATION-contd.	Page
215	Number of recognised educational institutions . . . . .	505-506
216	Number of scholars by courses and stages in recognised institutions . . . . .	507-511
217	Number of institutions and scholars in rural areas . . . . .	512
218	Expenditure on recognised educational institutions by sources . . . . .	513
219	Expenditure on recognised educational institutions by type of education . . . . .	514-515
220	Number of teachers in educational institutions by stages of institutions . . . . .	516-517
221	Education of scheduled castes and scheduled tribes . . . . .	518
222	Literacy in India . . . . .	519-520
<b>34. NEWSPAPERS AND PERIODICALS</b>		
223A	Number of Newspapers and periodicals by language and periodicity . . . . .	522
223B	Number of Newspapers and periodicals by state and periodicity . . . . .	523
224	Number of Newspapers and periodicals by language . . . . .	524-525
225	Circulation of Newspapers . . . . .	526
<b>35. PUBLIC HEALTH STATISTICS</b>		
226	Number of hospitals, dispensaries and beds . . . . .	528
227	Registered medical practitioners . . . . .	529
228	Total number of registered nursing personnel . . . . .	530
229	Statistics of mental hospitals . . . . .	531
230	Family welfare programme . . . . .	532
<b>36. HOUSING</b>		
231	Investment on building projects completed by various central and state agencies including public sector undertakings during 1980-81 . . . . .	535-536
232	Number of dwellings of different types completed and under execution by various central and state public sector construction agencies during 1980-81 . . . . .	537
233	Construction rate of estimated number of pucca houses completed per thousand of rural population by size of village . . . . .	538
234	Number, size and density of occupation of households and dwellings (Census 1971) . . . . .	539
235	Condition of structure and facilities available to households in urban and rural areas . . . . .	540
236	Estimated number of building permits and completion certificates issued in major towns in India . . . . .	541
237	Percentage share of classes of towns in housing and building projects completed in private sector during 1980-81 . . . . .	542
<b>37. LOCAL BODIES</b>		
238	Income of corporations . . . . .	544-558
239	Expenditure of corporations . . . . .	559-573
240	Number and coverage of village panchayats, panchayat samities and zilla parishads . . . . .	574
<b>38. ELECTORAL STATISTICS</b>		
241	Election to the Lok Sabha (House of People) . . . . .	576
242	Composition/allocation of seats in the Rajya Sabha . . . . .	577
243	Election to the Vidhan Sabhas (State Legislative Assemblies) . . . . .	578-579
244	Number of Seats and Constituencies in the Vidhan Parishads (State Legislative Councils) . . . . .	580-582
245	Election to the Lok Sabha, 1984- votes polled, percentage of votes polled and seats won according to parties . . . . .	583-585
246	Election to the Lok Sabha, 1984- expenditure incurred . . . . .	586
<b>39. FIVE YEAR PLANS</b>		
247	Plan outlay/expenditure for public sector (by heads of development) . . . . .	588-595
248	Principal targets and achievements . . . . .	596-606

CONTENTS-contd.

A. LIST OF CHARTS

Serial number	Charts	Facing Page
	Map of India	
1	Selected economic indicators . . . . .	ii
2	Area sown . . . . .	47
3	Index number of agricultural production . . . . .	57
4	Area irrigated . . . . .	77
5	Value of mineral production . . . . .	84
6	Index number of industrial production . . . . .	127
7	Electricity . . . . .	135
8	Progress of co-operative societies . . . . .	150
9	Joint stock companies at work . . . . .	161
10	Foreign trade-value of imports and exports . . . . .	191
11	Foreign trade-Index Number of imports and exports . . . . .	227
12	Factory employment and earnings . . . . .	326
13	Price trends . . . . .	391
14	Net domestic product at factor cost by industry of origin and per capita net national product . . . . .	409
15	Money stock measures . . . . .	476
16	Plan outlay and expenditure by heads of development (public sector) . . . . .	588

Contents--concl'd.

B. Tables deleted in current issue

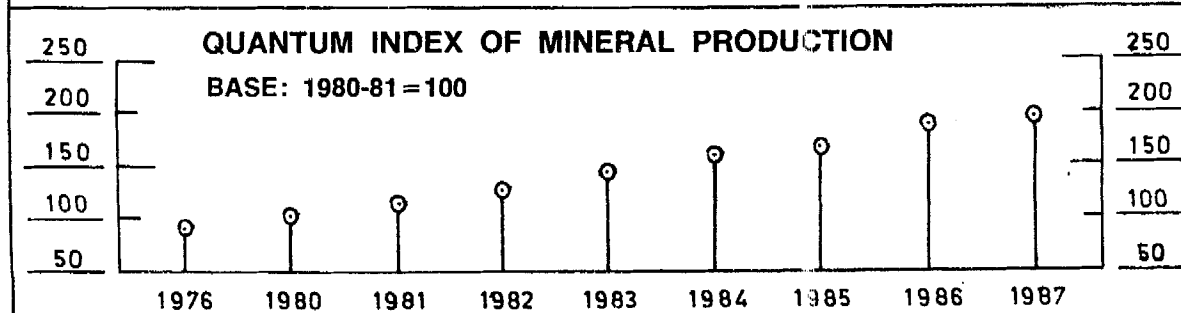
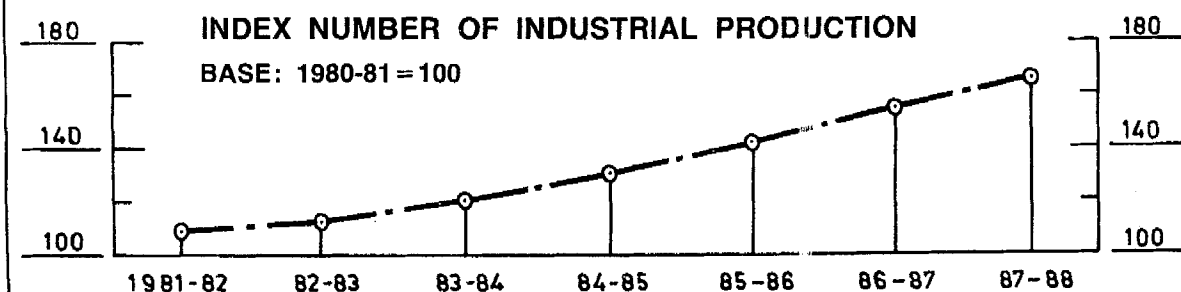
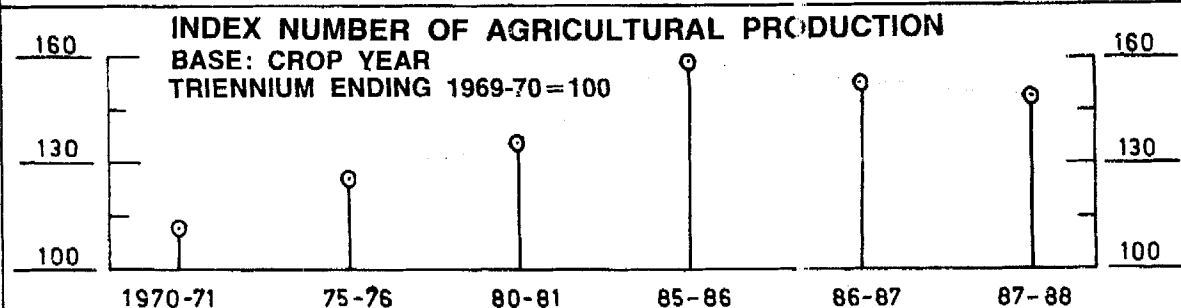
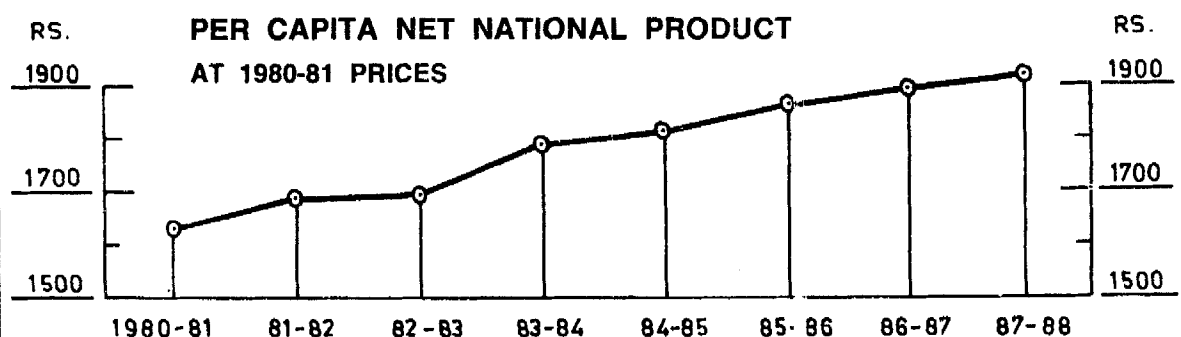
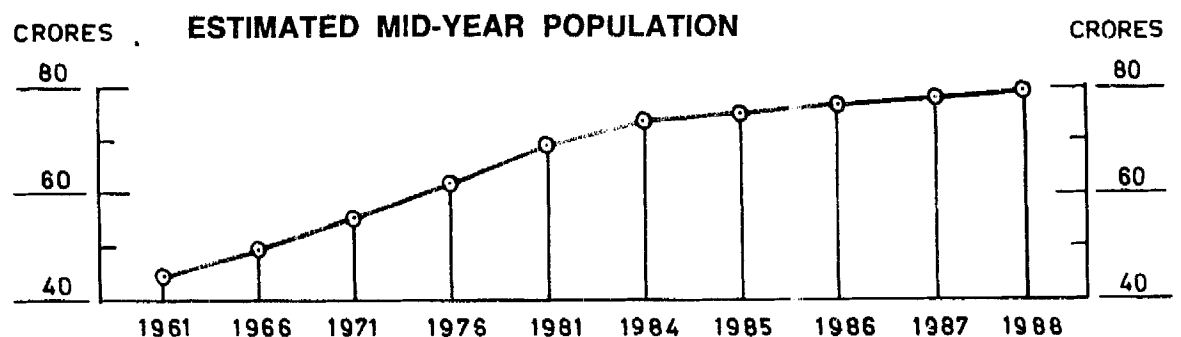
Serial number	Table number in the previous issue	Description
1	96B	Central revenue for Road Transport
2	174	Factor income by broad sectors (at current prices)

C. Tables included in current issue

Serial number	Table number	Description
1	175	Preformance of Public Sector (at 1980-81 prices)



# SELECTED ECONOMIC INDICATORS



## AREA AND POPULATION

**T**his section includes abstract of available data on area and population of the Indian Union based on the Census of population 1981.

Table 1

This table contains data on area, total population and its classification according to sex and urban and rural population. Urban area is defined as follows:

(a) All statutory towns i.e. all places with a municipality, corporation or cantonment or notified town area etc.

(b) All other places which satisfy the following criteria:

(i) a minimum population of 5,000.

(ii) at least 75 per cent of male working population engaged in non-agricultural (and allied) activity.

(iii) a density of population of at least 400 per sq.km.(or 1,000 per sq.mile).

In the case of Jammu and Kashmir, the population figures exclude information on area under unlawful occupation of Pakistan and China where Census could not be taken.

Table 2

This table shows the district-wise break-up of area (provisional) and population of States and Union Territories according to 1981 census. This also gives district-wise details of population regarding male, female, total and percentage increase of population since 1971 and proportion of rural/urban population to 1,000 total population.

Table 3

This table shows the number and population of towns in India by classes (I-VI). Towns are classified according to population as below:

Class I-One lakh and above  
Class II-50,000 to 99,999  
Class III-20,000 to 49,999  
Class IV-10,000 to 19,999  
Class V-5,000 to 9,999  
Class VI-Under 5,000

Table 4

This table shows the sex-wise population of cities (with population one lakh and above) in each State in 1981 along with increase over the 1971 Census.

Table 5

This table gives State-wise population enumerated in nine censuses from 1901 to 1981 along with the decennial percentage variations.

Table 6

This table gives State-wise percentage distribution of population and area according to population density.

Table 7

This table shows the rankings of the States and Union Territories in order of population and area.

Table 8

This table presents the economic classification of the population.

Table 9

Expectation of male and female lives at birth and at ages 10,20,30,40,50 and 60 years in the census years 1881-1980 for all India is shown in the table.

Table 10

The table shows the population according to numerically important religious communities of India-Hindus, Muslims, Christians, Sikhs, Buddhists, and Jains with the percentage increase during 1971-81. Other religions have been collectively presented under 'others'.

Table 11

The figures represent the population and percentage distribution of members of Scheduled Castes and Scheduled Tribes in States and Union Territories.

Table 12

This table shows State-wise provisional estimated mid-year population for the years 1961,1966,1971, 1976,1981 and 1984 to 1988. The estimates have been made by the Expert Committee, on Population Projections with the Registrar General, India, as Chairman.

# AREA AND POPULATION

TABLE 1- AREA AND POPULATION BY STATES  
(Census-1981)

State/ Union Territory	Area in sq. kms. (1)	Population				
		Males	Females	Persons	Rural	Urban
1	2	3	4	5	6	7
INDIA (2)(3) . . . . .	3,287,263 (a)	354,397,884	330,786,808	685,184,692	525,457,335	159,727,357
State:						
Andhra Pradesh . . . . .	275,068	27,108,922	26,440,751	53,549,673	41,062,097	12,487,576
Assam (4) . . . . .	78,438	10,467,461	9,429,382	19,896,843	17,849,657	2,047,186
Bihar . . . . .	173,877	35,930,560	33,984,174	69,914,734	61,195,744	8,718,990
Gujarat . . . . .	196,024	17,552,640	16,533,159	34,085,799	23,484,146	10,601,653
Haryana . . . . .	44,212	6,909,938	6,012,680	12,922,618	10,095,231	2,827,387
Himachal Pradesh . . . . .	55,673	2,169,931	2,110,887	4,280,818	3,954,847	325,971
Jammu & Kashmir (2) . . . . .	222,236 (a)	3,164,660	2,822,729	5,987,389	4,726,986	1,260,403
Karnataka . . . . .	191,791	18,922,627	18,213,087	37,135,714	26,406,108	10,729,606
Kerala . . . . .	38,863	12,527,767	12,925,913	25,453,680	20,682,405	4,771,275
Madhya Pradesh . . . . .	443,446	26,886,305	25,292,539	52,178,844	41,592,385	10,586,459
Maharashtra . . . . .	307,690	32,415,126	30,369,045	62,784,171	40,790,577	21,993,594
Manipur . . . . .	22,327	721,006	699,947	1,420,953	1,045,493	375,460
Meghalaya . . . . .	22,429	683,710	652,109	1,335,819	1,094,486	241,333
Nagaland . . . . .	16,579	415,910	359,020	774,930	654,696	120,234
Orissa . . . . .	155,707	13,309,786	13,060,485	26,370,271	23,259,984	3,110,287
Punjab . . . . .	50,362	8,937,210	7,851,705	16,788,915	12,141,158	4,647,757
Rajasthan . . . . .	342,239	17,854,154	16,407,708	34,261,862	27,051,354	7,210,508
Sikkim . . . . .	7,096	172,440	143,945	316,385	265,301	51,084
Tamil Nadu . . . . .	130,058	24,487,624	23,920,453	48,408,077	32,456,202	15,951,875
Tripura . . . . .	10,486	1,054,846	998,212	2,053,058	1,827,490	225,568
Uttar Pradesh . . . . .	294,411	58,819,276	52,042,737	110,862,013	90,962,898	19,899,115
West Bengal . . . . .	88,752	28,560,901	26,019,746	54,580,647	40,133,926	14,446,721
Union Territory:						
A. & N. Islands . . . . .	8,249	107,261	81,480	188,741	139,107	49,634
Arunachal Pradesh . . . . .	83,743	339,322	292,517	631,839	590,411	41,428
Chandigarh . . . . .	114	255,278	196,332	451,610	28,769	422,841
D. & N. Haveli . . . . .	491	52,515	51,161	103,676	96,762	6,914
Delhi . . . . .	1,483	3,440,081	2,780,325	6,220,406	452,206	5,768,200
Goa, Daman & Diu . . . . .	3,814	548,450	538,280	1,086,730	734,922	351,808
Lakshadweep . . . . .	32	20,377	19,872	40,249	21,620	18,629
Mizoram . . . . .	21,081	257,239	236,518	493,757	371,943	121,814
Pondicherry . . . . .	492	304,561	299,910	604,471	288,424	316,047

Source: Registrar General, India,  
Ministry of Home Affairs

- (1) The figures are provisional and are as on 31st March, 1982. These are computed by the Surveyor General of India and cleared by the Central Statistical Organisation.
- (2) The population figures exclude population of areas under unlawful occupation of Pakistan and China, where census could not be taken.
- (3) Includes projected population of Assam where census could not be held owing to disturbed conditions prevailing there.
- (4) Projected population for 1981.
- (a) Includes area under unlawful occupation of Pakistan and China.

# AREA AND POPULATION

TABLE 2- AREA AND POPULATION BY DISTRICTS  
(Census-1981)

State/District	Area in sq. kms. (1)	Population			Increase in Population since 1971		Proportion of rural/urban population to 1,000 total population	
		Persons	Males	Females	Total increase 1971-81	% increase	Rural	Urban
1	2	3	4	5	6	7	8	9
ANDHRA PRADESH	275,068	53,549,673	27,108,922	26,440,751	10,046,965	23.10	767	233
1. Adilabad	16,128	1,639,003	827,978	811,025	350,655	27.22	807	193
2. Anantapur	19,130	2,548,012	1,309,528	1,238,484	432,691	20.46	792	208
3. Chittoor	15,152	2,737,316	1,392,606	1,344,710	469,903	20.72	831	169
4. Cuddapah	15,359	1,933,304	986,705	946,599	356,037	22.57	806	194
5. East Godavari	10,807	3,701,040	1,857,472	1,843,568	613,778	19.88	778	222
6. Guntur	11,391	3,434,724	1,741,102	1,693,622	590,236	20.75	725	275
7. Hyderabad	217	2,260,702	1,177,380	1,083,322	578,165	34.36	-	1,000
8. Karimnagar	11,823	2,436,323	1,221,843	1,214,480	472,395	24.05	842	158
9. Khammam	16,029	1,751,574	895,013	856,561	381,682	27.86	830	170
10. Krishna	8,727	3,048,463	1,546,340	1,502,123	554,889	22.25	675	325
11. Kurnool	17,658	2,407,299	1,226,943	1,180,356	425,209	21.45	755	245
12. Mahbubnagar	18,432	2,444,619	1,232,684	1,211,935	512,537	26.53	891	109
13. Medak	9,699	1,807,139	911,868	895,271	339,195	23.11	880	120
14. Nalgonda	14,240	2,279,685	1,157,738	1,121,947	459,947	25.28	886	114
15. Nellore	13,076	2,014,879	1,018,716	996,163	387,139	23.78	792	208
16. Nizamabad	7,956	1,679,683	834,496	845,187	366,415	27.90	808	192
17. Prakasam	17,626	2,329,571	1,177,860	1,151,711	409,576	21.33	850	150
18. Rangareddi	7,493	1,582,062	808,708	773,354	472,837	42.63	762	238
19. Srikakulam	5,837	1,959,352	968,585	990,767	189,384	10.70	891	109
20. Vishakhapatnam	11,161	2,576,474	1,300,676	1,275,798	540,643	26.56	687	313
21. Vizianagaram	6,539	1,804,196	899,548	904,648	214,638	13.50	841	159
22. Warangal	12,846	2,300,295	1,171,482	1,128,813	429,362	22.95	828	172
23. West Godavari	7,742	2,873,958	1,443,651	1,430,307	499,652	21.04	792	208
ASSAM	78,438	..	..	..	..	..	..	..
1. Cachar	6,923	..	..	..	..	..	..	..
2. Darrang	8,805	..	..	..	..	..	..	..
3. Dibrugarh	7,170	..	..	..	..	..	..	..
4. Goalpara	10,301	..	..	..	..	..	..	..
5. Kamrup	9,847	..	..	..	..	..	..	..
6. Karbi Anglong	10,434	..	..	..	..	..	..	..
7. Lakhimpur	5,514	..	..	..	..	..	..	..
8. North Cachar Hills	4,888	..	..	..	..	..	..	..
9. Nagaon	5,535	..	..	..	..	..	..	..
10. Sibsagar	9,021	..	..	..	..	..	..	..
BIHAR	173,877	69,914,734	35,930,560	33,984,174	13,561,365	24.06	875	125
1. Aurangabad	3,305	1,237,072	632,537	604,535	220,978	21.75	931	69
2. Begusarai	1,918	1,456,343	750,866	705,477	308,914	26.92	894	106
3. Bhagalpur	5,589	2,621,427	1,371,840	1,249,587	530,324	25.36	883	117
4. Bhojpur	4,098	2,407,600	1,238,508	1,169,092	412,454	20.67	893	107
5. Darbhanga	2,279	2,008,193	1,014,939	993,254	385,381	23.75	912	88
6. Dhanbad	2,996	2,115,010	1,166,126	948,884	648,593	44.23	494	506
7. Gaya	6,545	3,134,175	1,597,238	1,536,937	586,733	23.03	892	108
8. Giridih	6,892	1,731,462	876,172	855,290	357,086	25.98	857	143
9. Gopalganj	2,033	1,362,123	679,105	683,018	254,659	22.99	950	50

(1) Please see page 3 ante.

Sources: 1. Registrar General India, Ministry of Home Affairs  
2. Central Statistical Organisation

## AREA AND POPULATION

TABLE 2- AREA AND POPULATION BY DISTRICTS-contd.  
(Census-1981)

State/District	Area in sq. kms. (1)	Population			Increase in Population since 1971		Proportion of rural/urban population to 1,000 total population	
		Persons	Males	Females	Total increase	% increase 1971-81	Rural	Urban
1	2	3	4	5	6	7	8	9
BIHAR-contd.								
10. Hazaribag	11,165	2,198,310	1,121,263	1,077,047	552,472	33.57	849	151
11. Katihar	3,057	1,428,622	740,837	687,785	291,628	25.65	906	94
12. Madhubani	3,501	2,325,844	1,173,383	1,152,461	433,805	22.93	969	31
13. Munger	7,908	3,315,427	1,722,922	1,592,505	570,247	20.77	859	141
14. Muzaffarpur	3,172	2,357,388	1,201,064	1,156,324	448,329	23.48	919	81
15. Nawada	2,494	1,099,177	549,120	550,057	205,240	22.96	934	66
16. Nalanda	2,367	1,641,325	851,756	789,569	335,263	25.67	864	136
17. Pashchim Champaran	5,228	1,972,610	1,032,033	940,577	385,591	24.30	927	73
18. Palamu	12,749	1,917,528	979,955	937,573	413,178	27.47	944	56
19. Purba Champaran	3,968	2,425,501	1,259,832	1,165,669	469,417	24.00	953	47
20. Purnia	7,943	3,595,707	1,867,809	1,727,898	790,838	28.20	920	80
21. Patna	3,202	3,019,201	1,597,844	1,421,357	768,318	34.13	629	371
22. Ranchi	18,266	3,070,432	1,563,821	1,506,611	458,987	17.58	791	209
23. Rohtas	7,213	2,366,325	1,240,054	1,126,271	422,437	21.73	903	97
24. Saharsa	5,900	2,953,803	1,530,282	1,423,521	603,535	25.68	943	57
25. Samastipur	2,904	2,116,876	1,073,449	1,043,427	397,823	23.14	958	42
26. Saran	2,641	2,084,322	1,032,230	1,052,092	374,600	21.91	919	81
27. Santhal Pargana	14,206	3,717,528	1,899,410	1,818,118	530,620	16.65	931	69
28. Singhbhum	13,440	2,861,799	1,473,697	1,388,102	424,000	17.39	679	321
29. Sitamarhi	2,643	1,932,147	999,299	932,848	349,515	22.08	955	45
30. Siwan	2,219	1,778,930	859,537	919,393	316,863	21.67	956	44
31. Vaishali	2,036	1,662,527	833,632	828,895	313,537	23.24	935	65
GUJARAT								
1. Ahmadabad	196,024	34,085,799	17,552,640	16,533,159	7,388,324	27.67	689	311
2. Amreli	8,707	3,875,794	2,050,010	1,825,784	965,487	33.17	282	718
3. Banas Kantha	6,760	1,079,097	546,009	533,088	230,367	27.14	796	204
4. Bharuch	12,703	1,667,914	857,319	810,595	402,531	31.81	914	86
5. Bhavnagar	9,038	1,296,451	667,241	629,210	186,850	16.84	814	186
6. Gandhinagar	11,155	1,879,340	959,695	919,645	474,055	33.73	667	333
7. Jamnagar	649	289,088	150,194	138,894	88,446	44.08	784	216
8. Junagadh	14,125	1,393,076	714,785	678,291	281,733	25.35	626	374
9. Kheda	10,607	2,100,709	1,074,605	1,026,104	444,032	26.80	695	305
10. Kachchh	7,194	3,015,027	1,574,340	1,440,687	563,640	22.99	799	201
11. Mahesana	45,652	1,050,161	525,431	524,730	200,392	23.58	739	261
12. Panch Mahals	9,027	2,548,787	1,293,626	1,255,161	456,319	21.81	799	201
13. Rajkot	8,866	2,321,689	1,185,383	1,136,306	472,885	25.58	889	111
14. Sabar Kantha	11,203	2,093,094	1,074,833	1,018,261	469,022	28.88	587	413
15. Surat	7,390	1,502,284	760,381	741,903	314,647	26.49	901	99
16. Surendranagar	7,657	2,493,211	1,295,708	1,197,503	706,287	39.53	572	428
17. The Dangs	10,489	1,034,185	534,746	499,439	188,731	22.32	713	287
18. Vadodara	1,764	113,664	57,683	55,981	19,479	20.68	1,000	-
19. Valsad	7,794	2,558,092	1,335,338	1,222,754	578,027	29.19	628	372
	5,244	1,774,136	895,313	878,823	345,394	24.17	781	219

(1) Please see page 3 ante.

# AREA AND POPULATION

TABLE 2- AREA AND POPULATION BY DISTRICTS-contd.  
(Census-1981)

State/District	Area in sq. kms. (1)	Population			Increase in Population since 1971		Proportion of rural /urban population to 1,000 total population	
		Persons	Males	Females	Total increase 1971-81	% increase	Rural	Urban
1	2	3	4	5	6	7	8	9
HARYANA	44,212	12,922,618	6,909,938	6,012,680	2,885,810	28.75	781	219
1.Ambala	3,832	1,409,463	753,308	656,155	311,058	28.32	671	329
2.Bhiwani	5,099	920,052	484,702	435,350	216,829	30.83	840	160
3.Faridabad	2,150	1,000,859	552,163	448,696	285,327	39.88	592	408
4.Gurgaon	2,716	849,598	451,861	397,737	192,933	29.38	801	199
5.Hisar	6,315	1,496,534	801,771	694,763	335,699	28.92	807	193
6.Jind	3,306	938,074	505,937	432,137	173,505	22.69	862	138
7.Karnal	3,721	1,322,826	713,478	609,348	334,389	33.83	738	262
8.Kurukshetra	3,740	1,130,026	606,571	523,455	267,127	30.96	835	165
9.Mahendragarh	3,010	959,400	496,903	462,497	192,295	25.07	869	131
10.Rohtak	3,841	1,341,953	712,769	629,184	243,405	22.16	802	198
11.Sirsa	4,276	707,068	376,602	330,466	173,464	32.51	796	204
12.Sonapat	2,206	846,765	453,873	392,892	159,779	23.26	820	180
HIMACHAL PRADESH	55,673	4,280,818	2,169,931	2,110,887	820,384	23.71	924	76
1.Bilaspur	1,167	247,368	123,572	123,796	52,582	26.99	953	47
2.Chamba	6,528	311,147	160,752	150,395	59,944	23.86	932	68
3.Hamirpur	1,118	317,751	147,841	169,910	52,760	19.91	950	50
4.Kangra	5,739	990,758	491,380	499,378	189,895	23.71	951	49
5.Kinnaur	6,401	59,547	31,598	27,949	9,712	19.49	1000	-
6.Kullu	5,503	238,734	124,449	114,285	46,363	24.10	929	71
7.Lahul & Spiti	13,835	32,100	18,171	13,929	4,532	16.44	1000	-
8.Mandi	3,950	644,827	322,497	322,330	129,647	25.17	927	73
9.Shimla	5,131	510,932	272,126	238,806	91,088	21.70	843	157
10.Sirmaur	2,825	306,952	163,840	143,112	61,919	25.27	913	87
11.Solan	1,936	303,280	157,214	146,066	65,877	27.75	892	108
12.Una	1,540	317,422	156,491	160,931	56,065	21.45	923	77
JAMMU & KASHMIR(2)	222,236 (a)	5,987,389	3,164,660	2,822,729	1,370,757	29.69	789	211
1.Anantnag	3,984	656,351	347,706	308,645	138,229	26.68	893	107
2.Badgam	1,371	367,262	195,395	171,867	98,229	36.51	859	141
3.Baramula	4,588	670,142	358,293	311,849	157,892	30.82	866	134
4.Doda	11,691	425,262	223,362	201,900	83,042	24.27	941	59
5.Jammu	3,097	943,395	491,972	451,423	218,573	30.16	704	296
6.Kargil	14,036	65,992	35,609	30,383	12,592	23.58	947	53
7.Kathua	2,651	369,123	192,570	176,553	91,400	32.91	886	114
8.Kupwara	2,379	328,743	176,909	151,834	70,919	27.51	971	29
9.Ladakh(Leh)	82,665 (b)	68,380	36,248	32,132	16,489	31.78	873	127
10.Pulwama	1,398	404,078	213,093	190,985	89,920	28.62	910	90
11.Punch	1,674	224,197	118,672	105,525	53,410	31.27	937	63
12.Rajauri	2,630	302,500	158,679	143,821	85,127	39.16	948	52
13.Srinagar	2,228	708,328	378,189	330,139	144,014	25.52	195	805
14.Udhampur	4,550	453,636	237,963	215,673	110,921	32.37	905	95

(1) & (2) Please see page 3 ante.

(a) Includes 78,114 sq .km.under illegal occupation of Pakistan and 5,180 sq.km.illegally handed over by Pakistan to China and 37,555 sq.km. under illegal occupation of China in Ladakh district.

(b) Includes 37,555 sq.km.under illegal occupation of China.

# AREA AND POPULATION

TABLE 2- AREA AND POPULATION BY DISTRICTS-contd.

(Census-1981)

State/District	Area in sq. kms. (1)	Population			Increase in Population since 1971		Proportion of rural/ urban population to 1,000 total population	
		Persons	Males	Females	Total increase 1971-81	% increase	Rural	Urban
1	2	3	4	5	6	7	8	9
KARNATAKA	191,791	37,135,714	18,922,627	18,213,087	7,836,700	26.75	711	289
1. Bangalore	8,005	4,947,610	2,582,539	2,365,071	1,582,095	47.01	355	645
2. Belgaum	13,415	2,980,440	1,523,311	1,457,129	557,098	22.99	775	225
3. Bellary	9,885	1,489,225	754,901	734,324	366,539	32.65	670	330
4. Bidar	5,448	995,691	506,043	489,648	171,632	20.83	822	178
5. Bijapur	17,069	2,401,782	1,211,536	1,190,246	416,191	20.96	759	241
6. Chikmagalur	7,201	911,769	466,918	444,851	175,122	23.77	825	175
7. Chitradurga	10,852	1,777,499	914,214	863,285	380,043	27.20	765	235
8. Dakshin Kannad	8,441	2,376,724	1,154,122	1,222,602	437,409	22.55	755	245
9. Dharwad	13,738	2,945,487	1,511,688	1,433,799	603,274	25.76	648	352
10. Gulbarga	16,224	2,080,643	1,050,187	1,030,456	341,423	19.63	771	229
11. Hassan	6,814	1,357,014	683,036	673,978	254,644	23.10	854	146
12. Kodagu	4,102	461,888	238,893	222,995	83,597	22.10	845	155
13. Kolar	8,223	1,905,492	966,653	938,839	388,846	25.64	775	225
14. Mandya	4,961	1,418,109	723,674	694,435	263,735	22.85	845	155
15. Mysore	11,954	2,595,900	1,330,807	1,265,093	518,662	24.97	726	274
16. Raichur	14,017	1,783,822	897,241	886,581	368,082	26.00	807	193
17. Shimoga	10,553	1,656,731	850,929	805,802	355,246	27.30	743	257
18. Tumkur	10,598	1,977,854	1,008,522	969,332	350,133	21.51	862	138
19. Uttar Kannad	10,291	1,072,034	547,413	524,621	222,929	26.25	746	254
KERALA	38,863	25,453,680	12,527,767	12,925,913	4,106,305	19.24	813	187
1. Alleppey	1,883	2,350,145	1,146,407	1,203,738	224,423	10.56	841	159
2. Cannanore	4,958	2,803,467	1,378,578	1,424,889	567,638	25.39	766	234
3. Ernakulam	2,408	2,535,294	1,269,174	1,266,120	371,620	17.18	604	396
4. Idukki	5,061	971,636	494,999	476,637	206,028	26.91	954	46
5. Kottayam	2,204	1,697,442	848,462	848,980	158,412	10.29	906	94
6. Kozhikode	2,345	2,245,265	1,111,409	1,133,856	423,531	23.25	728	272
7. Malappuram	3,548	2,402,701	1,170,778	1,231,923	546,344	29.43	926	74
8. Palghat	4,480	2,044,399	994,196	1,050,203	359,052	21.30	899	101
9. Quilon	4,620	2,813,650	1,388,678	1,424,972	400,829	16.61	868	132
10. Trichur	3,032	2,439,543	1,161,675	1,277,868	310,746	14.60	789	211
11. Trivandrum	2,192	2,596,112	1,279,150	1,316,962	397,506	18.08	747	253
12. Wayanad	2,132	554,026	284,261	269,765	140,176	33.87	1,000	..

(1) Please see page 3 ante.



## AREA AND POPULATION

TABLE 2- AREA AND POPULATION BY DISTRICTS-contd.  
(Census-1981)

State/District	Area in sq. kms. (1)	Population			Increase in Population since 1971		Proportion of rural/urban population to 1,000 total population	
		Persons	Males	Females	Total increase 1971-81	% increase	Rural	Urban
1	2	3	4	5	6	7	8	9
MADHYA PRADESH	443,446	52,178,844	26,886,305	25,292,539	10,524,725	25.27	797	203
1. Balaghat	9,229	1,147,810	572,083	575,727	170,227	17.41	913	87
2. Bastar	39,114	1,842,854	920,321	922,533	326,898	21.56	939	61
3. Betul	10,043	925,387	469,007	456,380	189,191	25.70	847	153
4. Bhind	4,459	973,816	532,969	440,847	179,861	22.65	829	171
5. Bhopal	2,772	894,739	477,531	417,208	322,570	56.38	238	762
6. Bilaspur	19,897	2,953,366	1,482,062	1,471,304	512,404	20.99	862	138
7. Chhatarpur	8,687	886,660	475,662	410,998	174,275	24.46	844	156
8. Chhindwara	11,815	1,233,131	627,538	605,593	243,718	24.63	788	212
9. Damoh	7,306	721,453	374,684	346,769	148,190	25.85	856	144
10. Datia	2,038	311,893	168,305	143,588	56,626	22.18	804	196
11. Dewas	7,020	795,309	412,302	383,007	200,973	33.81	813	187
12. Dhar	8,153	1,057,469	537,783	519,686	215,069	25.53	874	126
13. Durg	8,537	1,890,467	954,758	935,709	421,340	28.68	682	318
14. East Nimar	10,779	1,153,580	594,843	558,737	274,249	31.19	732	268
15. Guna	11,065	1,001,985	532,345	469,640	218,237	27.85	859	141
16. Gwalior	5,214	1,107,879	600,603	507,276	249,874	29.12	450	550
17. Hoshangabad	10,037	1,003,939	526,273	477,666	196,199	24.29	749	251
18. Indore	3,898	1,409,473	742,459	667,014	384,323	37.49	341	659
19. Jabalpur	10,160	2,195,743	1,149,050	1,049,693	512,713	30.41	550	450
20. Jhabua	6,782	795,168	400,550	394,618	127,357	19.07	917	83
21. Mandla	9,791	1,263,399	651,011	612,388	301,877	31.40	797	203
22. Mandla	13,269	1,037,394	517,866	519,528	163,817	18.75	929	71
23. Morena	11,594	1,303,213	710,742	592,471	317,875	32.26	863	137
24. Narsimhapur	5,133	650,445	336,981	313,464	131,175	25.26	865	135
25. Panna	7,135	539,978	282,242	257,736	110,901	25.85	922	78
26. Raigarh	12,924	1,443,197	719,613	723,584	164,492	12.86	916	84
27. Raipur	21,258	3,079,476	1,532,692	1,546,784	465,945	17.83	828	172
28. Raisen	8,466	710,542	372,459	338,083	157,516	28.48	900	100
29. Rajgarh	6,154	801,384	414,938	386,446	157,038	24.37	869	131
30. Raj Nandgaon	11,127	1,167,501	577,896	589,605	174,727	17.60	876	124
31. Ratlam	4,861	782,729	401,883	380,846	156,195	24.93	693	307
32. Rewa	6,314	1,207,583	613,226	594,357	229,689	23.49	869	131
33. Sagor	10,252	1,323,132	699,570	623,562	260,841	24.55	721	279
34. Satna	7,502	1,153,387	595,753	557,634	239,856	26.26	838	162
35. Seohore	6,578	657,381	344,867	312,714	146,487	28.67	867	133
36. Seoni	8,758	809,713	408,441	401,272	141,361	21.15	923	77
37. Shahdol	14,028	1,345,125	690,395	654,730	315,286	30.62	822	178
38. Shahjapur	6,196	840,247	435,517	404,730	161,888	23.86	852	148
39. Shivpuri	10,278	865,930	466,877	399,053	189,363	27.99	872	128

(1) Please see page 3 ante.

## AREA AND POPULATION

TABLE 2- AREA AND POPULATION BY DISTRICTS-contd.  
(Census-1981)

State/District	Area in sq. kms. (1)	Population			Increase in population since 1971		Proportion of rural/urban population to 1,000 total population	
		Persons	Males	Females	Total increase 1971-81	% increase	Rural	Urban
1	2	3	4	5	6	7	8	9
MADHYA PRADESH-contd.								
40. Sidhi	10,526	990,467	507,729	482,738	213,681	27.51	980	20
41. Surguja	22,337	1,633,476	832,356	801,120	307,037	23.15	913	87
42. Tikamgarh	5,048	736,981	391,471	345,510	168,096	29.55	879	121
43. Ujjain	6,091	1,117,002	579,850	537,152	254,486	29.51	625	375
44. Vidisha	7,371	783,098	416,356	366,742	124,671	18.93	830	170
45. West Nimar	13,450	1,630,943	834,646	796,297	346,131	26.94	852	148
MAHARASHTRA	307,690	62,784,171	32,415,126	30,369,045	12,371,936	24.54	650	350
1. Ahmadnagar	17,048	2,708,309	1,382,632	1,325,677	439,192	19.36	870	130
2. Akola	10,575	1,826,952	937,824	889,128	325,474	21.68	751	249
3. Amravati	12,212	1,861,410	961,564	899,846	320,201	20.78	707	293
4. Aurangabad	16,305	2,433,420	1,249,632	1,183,788	462,414	23.46	779	221
5. Bhandara	9,213	1,837,577	920,159	917,418	251,997	15.89	869	131
6. Bid	11,085	1,486,030	755,971	730,059	199,909	15.54	845	155
7. Bombay City	157							
8. Bombay Suburban	446	8,243,405	4,652,646	3,590,759	2,272,830	38.07	..	1,000
9. Buldana	9,661	1,508,777	770,833	737,944	245,799	19.46	815	185
10. Chandrapur	25,923	2,055,642	1,045,692	1,009,950	415,505	25.33	873	127
11. Dhule	13,150	2,050,294	1,043,140	1,007,154	388,113	23.35	805	195
12. Jalgaon	11,765	2,618,274	1,342,963	1,275,311	495,153	23.32	749	251
13. Kolhapur	8,047	2,506,330	1,273,881	1,232,449	458,281	22.38	752	248
14. Nagpur	9,931	2,588,811	1,345,377	1,243,434	646,123	33.26	432	568
15. Nanded	10,502	1,749,334	892,417	856,917	351,572	25.15	813	187
16. Nashik	15,530	2,991,739	1,544,532	1,447,207	622,518	26.28	690	310
17. Osmanabad	14,210	2,230,620	1,139,197	1,091,423	333,933	17.61	846	154
18. Parbhani	12,561	1,829,378	929,638	899,740	322,607	21.41	813	187
19. Pune	15,642	4,164,470	2,150,088	2,014,382	986,441	31.04	527	473
20. Raigarh	7,148	1,486,452	726,512	759,940	223,449	17.69	859	141
21. Ratnagiri	13,054	2,111,311	943,395	1,167,916	120,728	6.06	919	81
22. Sangli	8,572	1,831,212	931,187	900,025	291,392	18.92	785	215
23. Satara	10,484	2,038,677	989,122	1,049,555	311,301	18.02	870	130
24. Solapur	15,017	2,610,144	1,344,147	1,265,997	356,304	15.81	706	294
25. Thane	9,558	3,351,562	1,779,645	1,571,917	1,069,898	46.89	557	443
26. Wardha	6,310	926,618	475,696	450,922	147,056	18.86	750	250
27. Yavatmal	13,584	1,737,423	887,236	850,187	313,746	22.04	849	151
MANIPUR	22,327	1,420,953	721,006	699,947	348,200	32.46	736	264
1. Manipur Central	2,238	929,077	466,563	462,514	208,132	28.87	652	348
2. Manipur East	4,544	82,946	43,273	39,673	20,717	33.29	930	70
3. Manipur North	3,271	155,421	80,583	74,838	51,246	49.19	938	62
4. Manipur South	4,570	134,776	69,875	64,901	34,129	33.91	813	187
5. Manipur West	4,391	62,289	31,538	30,751	16,255	35.31	931	69
6. Tengnoupal	3,313	56,444	29,174	27,270	17,721	45.76	864	136

(1) Please see page 3 ante.

## AREA AND POPULATION

TABLE 2- AREA AND POPULATION BY DISTRICTS-contd.  
(Census-1981)

State/District	Area in sq. kms. (1)	Population			Increase in Population since 1971		Proportion of rural/urban population to 1,000 total population	
		Persons	Males	Females	Total increase 1971-81	% increase	Rural	Urban
	2	3	4	5	6	7	8	9
MEGHALAYA	22,429	1,335,819	683,710	652,109	324,120	32.04	819	181
1. East Garo Hills	2,603	136,550	70,365	66,185	33,852	32.96	969	31
2. East Khasi Hills	5,196	511,414	262,952	248,462	130,764	34.35	646	354
3. Jaintia Hills	3,819	156,402	79,052	77,350	42,840	37.72	917	83
4. West Garo Hills	5,564	369,877	188,435	181,442	65,960	21.70	893	107
5. West Khasi Hills	5,247	161,576	82,906	78,670	50,704	45.73	976	24
NAGALAND	16,579	774,930	415,910	359,020	258,481	50.05	845	155
1. Kohima	4,041	250,105	139,694	110,411	119,495	91.49	731	269
2. Mokokchung	1,615	104,193	54,648	49,545	21,341	25.76	827	173
3. Mon	1,786	78,938	42,219	36,719	14,798	23.07	913	87
4. Phek	2,026	70,618	37,699	32,919	26,024	58.36	1,000	..
5. Tuensang	4,228	152,332	80,498	71,834	43,469	39.93	920	80
6. Wokha	1,628	57,583	30,016	27,567	19,286	50.36	858	142
7. Zunheboto	1,255	61,161	31,136	30,025	14,068	29.87	874	126
ORISSA	155,707	26,370,271	13,309,786	13,060,485	4,425,656	20.17	882	118
1. Balangir(2)	8,913	1,459,113	732,438	726,675	195,456	15.47	909	91
2. Baleshwar	6,311	2,252,808	1,139,355	1,113,453	422,304	23.07	917	83
3. Cuttack	11,142	4,628,800	2,346,690	2,282,110	801,122	20.93	897	103
4. Dhenkanal	10,827	1,582,787	808,430	774,357	288,873	22.33	922	78
5. Ganjam	12,531	2,669,899	1,314,520	1,355,379	376,091	16.40	858	142
6. Kalahandi(2)	11,772	1,339,192	666,163	673,029	175,323	15.06	940	60
7. Kendujhar	8,303	1,114,622	562,157	552,465	159,108	16.65	887	113
8. Koraput	26,961	2,484,005	1,246,378	1,237,627	440,724	21.57	887	113
9. Mayurbhanj	10,418	1,581,873	795,364	786,509	147,673	10.30	943	57
10. Phulabani(2)	11,119	717,280	358,862	358,418	95,605	15.38	947	53
11. Puri	10,182	2,921,045	1,490,211	1,430,834	580,186	24.79	852	148
12. Sambalpur(2)	17,516	2,280,976	1,156,469	1,124,507	436,078	23.64	845	155
13. Sundargarh	9,712	1,337,871	692,749	645,122	307,113	29.79	694	306
PUNJAB	50,362	16,788,915	8,937,210	7,851,705	3,237,855	23.89	723	277
1. Amritsar	5,087	2,188,490	1,169,888	1,018,602	352,990	19.23	670	330
2. Bathinda	5,551	1,304,606	699,815	604,791	279,335	27.24	773	227
3. Faridkot	5,740	1,436,223	763,176	673,052	282,468	24.48	761	239
4. Firozpur	5,874	1,307,804	694,280	613,524	262,868	25.16	772	228
5. Gurdaspur	3,562	1,513,435	793,484	719,951	283,971	23.10	783	217
6. Hoshiarpur	3,881	1,243,807	649,565	594,242	192,733	18.34	856	144
7. Jalandhar	3,401	1,734,574	916,379	818,195	280,073	19.26	647	353
8. Kapurthala	1,633	545,249	287,286	257,963	115,735	26.95	700	300
9. Ludhiana	3,857	1,818,912	978,276	840,636	398,857	28.09	580	420
10. Patiala	4,584	1,568,898	841,916	726,982	357,895	29.55	704	296
11. Rupnagar	2,085	716,662	385,087	331,575	167,330	30.46	784	216
12. Sangrur	5,107	1,410,250	758,058	652,192	263,600	22.99	772	228

(1) Please see page 3 ante.

(2) Area figures are subject to revision as the district boundaries are yet to be verified.

## AREA AND POPULATION

TABLE 2- AREA AND POPULATION BY DISTRICTS--contd.  
(Census-1981)

State/District	Area in sq. kms. (1)	Population			Increase in Population since 1971		Proportion of rural/urban population to 1,000 total population	
		Persons	Males	Females	Total increase	% increase 1971-81	Rural	Urban
1	2	3	4	5	6	7	8	9
RAJASTHAN	342,239	34,261,862	17,854,154	16,407,708	8,496,056	32.97	790	210
1.Ajmer	8,481	1,440,366	749,362	691,004	292,637	25.50	572	428
2.Alwar	8,380	1,771,173	935,898	835,275	367,386	26.17	889	111
3.Banswara	5,037	886,600	446,837	439,763	232,014	35.44	938	62
4.Barmer	28,387	1,118,892	587,648	531,244	344,087	44.41	912	88
5.Bharatpur	8,100	1,884,132	1,028,749	855,383	393,926	26.43	829	171
6.Bhilwara	10,455	1,310,379	674,923	635,456	255,489	24.22	856	144
7.Bikaner	27,244	848,749	448,752	399,997	275,600	48.09	605	395
8.Bundi	5,550	586,982	311,022	275,960	137,961	30.72	830	170
9.Chittaurgarh	10,856	1,232,494	631,699	600,795	287,375	30.41	868	132
10.Churu	16,830	1,179,466	603,759	575,707	305,027	34.88	708	292
11.Dungarpur	3,770	682,845	333,951	348,894	152,587	28.78	935	65
12.Ganganagar	20,634	2,029,968	1,083,134	946,834	635,957	45.62	794	206
13.Jaipur	14,068	3,420,574	1,806,452	1,614,122	950,814	38.50	634	366
14.Jaisalmer	38,401	243,082	134,204	108,878	75,258	44.84	865	135
15.Jalor	10,640	903,073	465,067	438,006	235,123	35.20	919	81
16.Jhalawar	6,219	784,998	407,522	377,476	161,235	25.85	883	117
17.Jhunjhun	5,928	1,211,583	619,313	592,270	282,353	30.39	793	207
18.Jodhpur	22,850	1,667,791	873,531	794,260	516,142	44.82	652	348
19.Kota	12,436	1,559,784	826,308	733,476	417,676	36.57	681	319
20.Nagaur	17,718	1,628,669	831,985	796,684	366,512	29.04	854	146
21.Pali	12,387	1,274,504	654,784	619,720	304,502	31.39	816	184
22.Sawai Madhopur	10,527	1,535,870	822,859	713,011	342,342	28.68	866	134
23.Sikar	7,732	1,377,245	701,778	675,467	334,597	32.09	797	203
24.Sirohi	5,136	542,049	276,178	265,871	118,234	27.90	821	179
25.Tonk	7,194	783,635	406,530	377,105	157,805	25.22	816	184
26.Udaipur	17,279	2,356,959	1,191,909	1,165,050	553,417	30.69	849	151
SIKKIM	7,096	316,385	172,440	143,945	106,542	50.77	839	161
1.East District	954	138,762	77,232	61,530	53,141	62.07	688	312
2.North District	4,226	26,455	14,784	11,671	13,441	103.28	971	29
3.South District	750	75,976	40,980	34,996	22,791	42.85	929	71
4.West District	1,166	75,192	39,444	35,748	17,169	29.59	977	23
TAMILNADU	130,058	48,408,077	24,487,624	23,920,453	7,208,909	17.50	670	330
1.Chengalpattu	7,863	3,616,508	1,848,124	1,768,384	818,736	29.26	611	389
2.Coimbatore	7,469	3,060,184	1,569,570	1,490,614	484,022	18.79	495	505
3.Dharmapuri	9,622	1,997,060	1,019,362	977,698	319,285	19.03	906	94
4.Kanniyakumari	1,684	1,423,399	716,958	706,441	200,850	16.43	828	172

(1) Please see page 3 ante.

## AREA AND POPULATION

TABLE 2- AREA AND POPULATION BY DISTRICTS-contd.  
(Census-1981)

State/District	Area in sq. kms. (1)	Population			Increase in Population since 1971		Proportion of rural/urban population to 1,000 total population	
		Persons	Males	Females	Total increase 1971-81	% increase	Rural	Urban
1	2	3	4	5	6	7	8	9
TAMIL NADU-contd.								
5.Madras	170	3,276,622	1,694,107	1,582,515	697,346	27.04	-	1000
6.Madurai	12,624	4,535,897	2,296,614	2,239,283	597,700	15.18	638	362
7.Nilgiri	2,549	630,169	321,995	308,174	136,154	27.56	511	489
8.North Arcot	12,268	4,414,324	2,230,559	2,183,765	658,527	17.53	770	230
9.Periyar	8,209	2,068,462	1,057,599	1,010,863	271,446	15.11	780	220
10.Pudukkottai	4,661	1,156,813	576,335	580,478	209,462	22.11	867	133
11.Ramanathapuram	12,590	3,335,437	1,648,422	1,687,015	475,230	16.62	718	282
12.Salem	8,650	3,441,717	1,765,822	1,675,895	449,101	15.01	711	289
13.South Arcot	10,895	4,201,869	2,130,444	2,071,425	584,146	16.15	843	157
14.Thanjavur	8,280	4,063,545	2,043,724	2,019,821	513,482	14.46	769	231
15.Tiruchchirappalli	11,095	3,612,320	1,819,668	1,792,652	420,186	13.16	739	261
16.Tirunelveli	11,429	3,573,751	1,748,321	1,825,430	373,236	11.66	654	346
TRIPURA								
	10,486	2,053,058	1,054,846	998,212	496,716	31.92	890	110
1.North Tripura	3,872	541,248	279,838	261,410	132,186	32.31	931	69
2.South Tripura	3,581	535,558	275,403	260,155	135,830	33.98	927	73
3.West Tripura	3,033	976,252	499,605	476,647	228,700	30.59	847	153
UTTAR PRADESH								
	294,411	110,862,013	58,819,276	52,042,737	22,520,869	25.49	821	179
1.Agra	4,805	2,852,942	1,560,703	1,292,239	544,304	23.58	619	381
2.Aligarh	5,019	2,574,925	1,398,976	1,175,949	463,096	21.93	770	230
3.Allahabad	7,261	3,797,033	2,008,771	1,788,262	859,755	29.27	796	204
4.Almora	5,385	757,373	363,980	393,393	108,751	16.77	937	63
5.Azamgarh	5,740	3,544,130	1,753,826	1,790,304	686,646	24.03	908	92
6.Bahraich	6,877	2,216,245	1,194,943	1,021,302	489,273	28.33	930	70
7.Ballia	3,189	1,945,376	979,960	965,416	356,441	22.43	909	91
8.Banda	7,624	1,533,990	822,816	711,174	351,775	29.76	882	118
9.Bara Banki	4,401	1,992,074	1,071,584	920,490	356,481	21.80	911	89
10.Bareilly	4,120	2,273,030	1,242,077	1,030,953	493,163	27.71	710	290
11.Basti	7,228	3,578,069	1,855,946	1,722,123	593,979	19.90	952	48
12.Bijnor	4,848	1,939,261	1,040,811	898,450	449,076	30.14	752	248
13.Budaun	5,168	1,971,946	1,090,374	881,572	325,979	19.80	839	161
14.Bulandshahr	4,352	2,358,270	1,265,427	1,092,843	466,833	24.68	807	193
15.Chamoli	9,125	364,346	178,343	186,003	71,775	24.53	920	80
16.Dehra Dun	3,088	761,668	420,465	341,203	184,362	31.93	511	489
17.Deoria	5,445	3,496,564	1,758,785	1,737,779	684,214	24.33	934	66
18.Etah	4,446	1,858,692	1,017,210	841,482	287,767	18.32	845	155
19.Etawah	4,326	1,742,651	951,655	790,996	294,949	20.37	852	148
20.Faizabad	4,511	2,382,515	1,231,755	1,150,760	455,234	23.62	890	110

(1) Please see page 3 ante.

## AREA AND POPULATION

TABLE 2- AREA AND POPULATION BY DISTRICTS-contd.  
(Census-1981)

State/District	Area in sq. kms. (1)	Population			Increase in Population since 1971		Proportion of rural/urban population to 1,000 total population	
		Persons	Males	Females	Total increase 1971-81	% increase	Rural	Urban
1	2	3	4	5	6	7	8	9
UTTAR PRADESH-contd.								
21. Farrukhabad	4,274	1,949,137	1,067,996	881,141	392,207	25.19	838	162
22. Fatehpur	4,152	1,572,421	829,389	743,032	294,167	23.01	910	90
23. Garhwal	5,440	637,877	305,066	332,811	84,849	15.34	902	98
24. Ghaziabad	2,590	1,843,130	1,007,460	835,670	502,228	37.45	659	341
25. Ghazipur	3,377	1,944,669	978,160	966,509	413,015	26.97	921	79
26. Gonda	7,352	2,834,562	1,499,698	1,334,864	532,533	23.13	927	73
27. Gorakhpur	6,272	3,795,701	1,956,460	1,839,241	757,524	24.93	894	106
28. Hamirpur	7,165	1,194,168	643,292	550,876	205,953	20.84	834	166
29. Hardoi	5,986	2,274,929	1,244,898	1,030,031	425,410	23.00	889	111
30. Jalaun	4,565	986,238	537,017	449,221	172,748	21.24	801	199
31. Jaunpur	4,038	2,532,734	1,260,692	1,272,042	527,300	26.29	933	67
32. Jhansi	5,024	1,137,031	608,428	528,603	266,893	30.67	621	379
33. Kanpur	6,176	3,742,223	2,044,378	1,697,845	745,991	24.90	537	463
34. Kheri	7,680	1,952,680	1,057,614	895,066	456,090	31.35	904	96
35. Lalitpur	5,039	577,648	310,854	266,794	140,728	32.21	867	133
36. Lucknow	2,528	2,014,574	1,090,692	923,882	396,728	24.52	474	526
37. Mainpuri	4,343	1,726,202	944,109	782,093	280,668	19.42	889	111
38. Mathura	3,811	1,560,447	861,180	699,267	270,140	20.94	789	211
39. Meerut	3,911	2,767,246	1,505,712	1,261,534	569,289	25.33	688	312
40. Mirzapur	11,310	2,039,149	1,079,852	959,297	498,061	32.32	869	131
41. Moradabad	5,967	3,149,406	1,709,154	1,440,252	720,435	29.66	731	269
42. Muzaffarnagar	4,176	2,274,487	1,234,213	1,040,274	472,198	26.20	783	217
43. Naini Tal	6,794	1,136,523	617,386	519,137	346,443	43.85	725	275
44. Pilibhit	3,499	1,008,312	546,119	462,193	256,198	34.06	838	162
45. Pithoragarh	8,856	489,267	242,900	246,367	74,104	17.85	945	55
46. Pratapgarh	3,717	1,801,049	897,711	903,338	378,342	26.59	950	50
47. Rae Bareilly	4,609	1,886,940	972,063	914,877	376,128	24.90	926	74
48. Rampur	2,367	1,178,621	639,364	539,257	277,412	30.78	733	267
49. Saharanpur	5,595	2,673,561	1,459,421	1,214,140	618,727	30.11	729	271
50. Shahjahanpur	4,575	1,647,664	909,034	738,630	361,560	28.11	806	194
51. Sitapur	5,743	2,337,284	1,266,040	1,071,244	452,884	24.03	897	103
52. Sultanpur	4,436	2,042,778	1,036,561	1,006,217	399,850	24.34	967	33
53. Tehri Garhwal	4,421	497,710	238,327	259,383	100,325	25.25	959	41
54. Unnao	4,558	1,822,591	964,622	857,969	338,198	22.78	881	119
55. Uttarkashi	8,016	190,948	101,533	89,415	43,143	29.19	930	70
56. Varanasi	5,091	3,701,006	1,943,474	1,757,532	848,547	29.75	731	269
WEST BENGAL								
1. Bankura	6,882	2,374,815	1,208,867	1,165,948	343,776	16.93	924	76
2. Bardhaman	7,024	4,835,388	2,548,603	2,286,785	919,214	23.47	706	294

(1) Please see page 3 ante.

## AREA AND POPULATION

Table 2- AREA AND POPULATION BY DISTRICTS-concl'd.  
(Census- 1981)

State/District	Area in sq. kms. (1)	Population			Increase in population since 1971		Proportion of rural /urban population to 1,000 total population	
		Persons	Males	Females	Total increase 1971-81	% increase	Rural	Urban
1	2	3	4	5	6	7	8	9
WEST BENGAL-contd.								
3. Birbhum	4,545	2,095,829	1,068,171	1,027,658	319,920	18.01	917	83
4. Calcutta	104	3,305,006	1,930,320	1,374,686	156,260	4.96	..	1000
5. Darjiling	3,149	1,024,269	542,567	481,702	242,492	31.02	725	275
6. Haora	1,467	2,966,861	1,583,808	1,383,053	549,575	22.74	549	451
7. Hugli	3,149	3,557,306	1,863,782	1,693,524	685,190	23.86	705	295
8. Jalpaiguri	6,227	2,214,871	1,159,843	1,055,028	464,712	26.55	859	141
9. Koch Bihar	3,387	1,771,643	915,461	856,182	357,460	25.28	931	69
10. Maldah	3,733	2,031,871	1,042,498	989,373	419,214	26.00	952	48
11. Medinipur	14,081	6,742,796	3,455,375	3,287,421	1,233,549	22.39	915	85
12. Murshidabad	5,324	3,697,552	1,887,426	1,810,126	750,989	25.49	906	94
13. Nadia	3,927	2,964,253	1,522,936	1,441,317	740,342	33.29	784	216
14. Puruliya	6,259	1,853,801	947,195	906,606	250,926	15.65	910	90
15. Twentyfour Parganas	14,136	10,739,439	5,642,438	5,097,001	2,289,957	27.10	612	388
16. West Dinaipur	5,358	2,404,947	1,241,611	1,163,336	545,060	29.31	888	112
UNION TERRITORY:								
A. & N. ISLANDS								
1. Andaman	8,249	188,741	107,261	81,480	73,608	63.93	737	263
2. Nicobar	6,408	158,287	90,446	67,841	64,819	69.35	686	314
ARUNACHAL PRADESH	1,841	30,454	16,815	13,639	8,789	40.57	1000	..
1. East Kameng	83,743	631,839	339,322	292,517	164,328	35.15	934	66
2. Lohit	4,134	42,736	21,999	20,737	6,994	19.57	1000	..
3. East Siang	11,402	69,498	39,024	30,474	21,865	45.90	910	90
4. Upper Subansiri	6,512	70,451	38,097	32,354	21,446	43.76	870	130
5. Tirap	7,032	39,410	19,986	19,424	7,396	23.10	1000	..
6. West Kameng	7,024	128,650	68,939	59,711	31,180	31.99	1000	..
7. West Siang	9,594	63,302	34,078	29,224	13,043	25.95	939	61
8. Lower Subansiri	12,006	74,164	38,797	35,367	14,922	25.19	891	109
9. Dibang Valley	13,010	112,650	59,756	52,894	31,736	39.22	875	125
CHANDIGARH	13,029	30,978	18,646	12,332	15,746	103.37	1000	..
DADRA & NAGAR HAVELI	114	451,610	255,278	196,332	194,359	75.55	64	936
DELHI	491	103,676	52,515	51,161	29,506	39.78	933	67
GOA, DAMAN & DIU	1,483	6,220,406	3,440,081	2,780,325	2,154,708	53.00	73	927
1. Damam	3,814	1,086,730	548,450	538,280	228,959	26.69	676	324
2. Diu	72	48,560	24,074	24,486	9,821	25.35	567	433
3. Goa	40	30,421	14,224	16,197	6,509	27.22	736	264
LAKSHADWEEP	3,702	1,007,749	510,152	497,597	212,629	26.74	680	320
MIZORAM	32	40,249	20,377	19,872	8,439	26.53	537	463
1. Aizawl	21,081	493,757	257,239	236,518	161,367	48.55	753	247
2. Chhimitupui	12,588	340,826	176,242	164,584	111,714	48.76	714	286
3. Lunglei	3,957	66,420	34,999	31,421	25,278	61.44	894	106
PONDICHERRY	4,536	86,511	45,998	40,513	24,375	39.23	801	199
1. Karaikal	492	604,471	304,561	299,910	132,764	28.15	477	523
2. Mahe	160	120,010	59,367	60,643	19,968	19.96	638	362
3. Pondicherry	9	28,413	13,260	15,153	5,279	22.82	663	337
4. Yanam	293	444,417	226,041	218,376	104,177	30.62	434	566
	30	11,631	5,893	5,738	3,340	40.28	..	1000

(1) Please see page 3 ante.

## AREA AND POPULATION

Table 3- NUMBER AND POPULATION OF TOWNS AND VILLAGES (BY CLASSES)  
(Census-1981)

State/ Union Territory	Class of towns							Inhabited villages
	Total	I 100,000 and over	II 50,000 to 99,999	III 20000 to 49,999	IV 10000 to 19,999	V 5000 to 9,999	VI Under 5,000	
1	2	3	4	5	6	7	8	9
INDIA (1) (2)								
Number	3,949	226	325	883	1,247	920	348	557,137
Population	157,680,171	83,036,031	22,036,770	26,867,127	17,675,328	6,934,463	1,130,452	507,607,678
State:								
Andhra Pradesh								
Number	252	21	33	91	71	31	5	27,379
Population	12,487,576	6,338,389	2,185,562	2,693,696	1,014,934	237,625	17,370	41,062,097
Assam								
Number	..	..	..	..	..	..	..	..
Population	..	..	..	..	..	..	..	..
Bihar								
Number	220	14	25	75	72	29	5	67,546
Population	8,718,990	3,583,107	1,619,771	2,230,170	1,056,113	214,326	15,503	61,195,744
Gujarat								
Number	255	11	27	57	86	61	13	18,114
Population	10,601,653	5,316,142	1,801,840	1,782,548	1,315,757	451,092	34,274	23,484,146
Haryana								
Number	81	9	7	15	25	23	2	6,745
Population	2,827,387	1,329,549	475,984	501,139	310,442	172,671	7,602	10,095,231
Himachal Pradesh								
Number	47	-	1	2	5	9	30	16,807
Population	325,971	-	70,604	40,869	71,985	64,637	77,876	3,954,847
Jammu & Kashmir(2)								
Number	58	2	-	5	7	20	24	6,477
Population	1,260,403	809,512	-	148,028	37,820	146,212	68,831	4,726,986
Karnataka								
Number	281	14	16	71	112	51	17	27,028
Population	10,729,606	5,472,617	1,057,094	2,112,814	1,647,746	374,957	64,378	26,406,108
Kerala								
Number	106	6	8	64	21	6	1	1,219
Population	4,771,275	1,901,069	512,197	2,021,960	282,689	48,871	4,489	20,682,405
Madhya Pradesh								
Number	327	14	27	48	119	114	5	71,352
Population	10,586,459	4,613,431	1,854,995	1,511,098	1,638,468	889,551	18,916	41,592,385
Maharashtra								
Number	307	29	25	89	100	48	16	39,354
Population	21,993,594	15,740,723	1,719,771	2,617,594	1,473,029	387,725	54,752	40,790,577
Manipur								
Number	32	1	-	2	4	9	16	2,035
Population	375,460	156,622	-	41,963	55,576	62,644	58,655	1,045,493
Meghalaya								
Number	12	1	-	3	2	3	3	4,902
Population	241,333	109,244	-	77,220	23,634	18,882	12,353	1,094,486
Nagaland								
Number	7	-	-	2	2	3	-	1,112
Population	120,234	-	-	67,218	30,260	22,756	-	654,696

Source: Registrar General India, Ministry of Home Affairs

(1) Excludes Assam where census could not be held.

(2) The population figures exclude population of areas under unlawful occupation of Pakistan and China where census could not be taken.

Note: The figures of class-wise towns and their population are provisional.



## AREA AND POPULATION

Table 3-NUMBER AND POPULATION OF TOWNS AND VILLAGES (BY CLASSES)-contd.  
(Census-1981)

State/ Union Territory	Class of towns							Inhabited villages
	Total	I 100,000 and over	II 50,000 to 99,999	III 20000 to 49,999	IV 10000 to 19,999	V 5000 to 9,999	VI Under 5,000	
1	2	3	4	5	6	7	8	9
Orissa								
Number	108	6	8	26	40	25	3	46,553
Population	3,110,287	1,105,123	493,184	760,073	541,932	196,176	13,799	23,259,984
Punjab								
Number	134	7	10	27	36	40	14	12,342
Population	4,647,757	2,155,714	668,780	940,482	524,505	301,905	56,371	12,141,158
Rajasthan								
Number	201	11	10	55	101	23	1	34,968
Population	7,210,508	3,306,345	661,964	1,658,239	1,384,938	194,865	4,157	27,051,354
Sikkim								
Number	8	-	-	1	-	-	7	440
Population	51,084	-	-	36,747	-	-	14,337	265,301
Tamil Nadu								
Number	434	21	41	89	123	90	70	15,831
Population	15,951,875	7,831,844	2,747,071	2,757,964	1,765,276	645,126	204,594	32,456,202
Tripura								
Number	10	1	-	1	4	2	2	856
Population	225,568	132,186	-	20,806	52,018	13,530	7,028	1,827,490
Uttar Pradesh								
Number	704	30	38	98	215	236	87	112,566
Population	19,899,115	9,397,536	2,612,238	2,881,274	2,954,024	1,751,491	302,552	90,962,898
West Bengal								
Number	291	24	40	52	92	63	20	38,024
Population	14,446,721	8,037,309	2,905,113	1,631,120	1,314,159	489,567	69,453	40,133,926
Union Territory:								
A & N Islands								
Number	1	-	-	-	-	-	-	491
Population	49,634	-	-	49,634	-	-	-	139,107
Arunachal Pradesh								
Number	6	-	-	-	-	5	1	3,257
Population	41,428	-	-	-	-	37,568	3,860	590,411
Chandigarh								
Number	4	1	-	1	1	-	1	24
Population	422,841	379,660	-	28,001	10,933	-	4,247	28,769
D. & N. Haveli								
Number	1	-	-	-	-	1	-	70
Population	6,914	-	-	-	-	6,914	-	96,762
Delhi								
Number	30	2	4	5	4	15	-	214
Population	5,768,200	5,157,270	277,353	166,061	60,985	106,531	-	452,206
Goa Daman & Diu								
Number	17	-	3	2	3	5	4	412
Population	351,808	-	211,768	47,001	39,269	40,508	13,262	734,922
Lakshadweep								
Number	3	-	-	-	-	3	-	7
Population	18,629	-	-	-	-	18,629	-	21,620
Mizoram								
Number	6	-	1	-	1	4	-	721
Population	121,814	-	74,493	-	17,205	30,116	-	371,943
Pondicherry								
Number	6	1	1	1	1	1	1	291
Population	316,047	162,639	86,988	43,408	11,631	9,588	1,793	288,424

## AREA AND POPULATION

Table 4-POPULATION OF CITIES (1)  
(Census-1981)

States/Cities	Persons	Males	Females	Variation 1971-1981
1	2	3	4	5
State:				
Andhra Pradesh				
Adoni	108,939	55,643	53,296	23,628
Anantapur	119,531	62,511	57,020	39,462
Bheemavaram	101,894	52,703	49,191	38,132
Cuddapah	103,125	53,452	49,673	36,930
Eluru	168,154	83,805	84,349	41,131
Guntur	367,699	186,115	181,584	97,708
Hyderabad	2,187,262	133,200	1,054,062	568,778
Kakinada	226,409	113,918	112,491	62,209
Kurnool	206,362	106,883	99,479	69,652
Machilipatnam	138,530	70,068	68,462	25,918
Nellore	237,065	121,211	115,854	103,475
Nizamabad	183,061	94,187	88,874	67,421
Proddatur	107,070	54,867	52,203	36,248
Rajahmundry	216,851	109,706	107,145	50,939
Secunderabad Cantt.	135,994	76,606	59,388	41,578
Tenali	119,257	60,191	59,066	16,320
Tirupati	115,292	60,373	54,919	49,449
Vishakhapatnam	584,166	302,198	281,968	229,121
Vijayawada	461,772	235,126	226,646	144,514
Vizianagaram	114,806	57,833	56,973	28,198
Warangal	335,150	173,233	161,917	127,630
Bihar				
Arrah	125,111	67,488	57,623	32,192
Bihar	151,343	79,916	71,427	51,297
Bhagalpur	225,062	122,485	102,577	52,860
Bokaro Steel City	224,099	129,281	94,818	130,092
Chapra	111,564	60,082	51,482	28,463
Dhanbad	120,221	68,145	52,076	40,383
Darbhanga	176,301	94,187	82,114	44,242
Gaya	247,075	132,243	114,832	67,191
Jamshedpur	457,061	248,678	208,383	100,278
Katihar	122,005	67,753	54,252	41,884
Muzaffarpur	190,416	105,586	84,830	64,037
Munger	129,260	69,397	59,863	26,786
Patna	813,963	449,315	364,648	338,663
Ranchi	489,626	268,413	221,213	234,075
Gujarat				
Ahmadabad	2,159,127	1,154,296	1,004,831	546,674
Bharuch	112,524	58,566	53,958	20,273
Bhavnagar	308,642	160,366	148,276	82,668
Jamnagar	294,344	153,870	140,474	79,528
Junagadh	120,416	62,122	58,294	24,516
Nadiad	142,689	74,276	68,413	34,420
Navsari	106,793	57,682	49,111	33,814

Source: Registrar General India,  
Ministry of Home Affairs

Please see footnotes at page 22.

## AREA AND POPULATION

Table 4-POPULATION OF CITIES(1)-contd.  
(Census-1981)

States/Cities	Persons	Males	Females	Variation 1971-1981
1	2	3	4	5
<b>Gujarat-contd</b>				
Porbandar . . . . .	115,182	58,792	56,390	18,301
Rajkot . . . . .	445,076	231,218	213,858	144,464
Surat . . . . .	776,876	418,287	358,589	297,259
Vadodara . . . . .	734,473	388,723	345,750	266,986
<b>Haryana</b>				
Ambala . . . . .	104,565	55,193	49,372	20,392
Bhiwani . . . . .	101,277	55,172	46,105	28,191
Faridabad Complex Administration . . . . .	330,864	190,183	140,681	208,047
Hisar . . . . .	137,369	76,162	61,207	47,932
Karnal . . . . .	132,107	70,680	61,427	39,323
Panipat . . . . .	137,927	73,851	64,076	49,946
Rohtak . . . . .	166,767	89,300	77,467	42,012
Sonepat . . . . .	109,369	59,300	50,069	46,976
Yamunanagar . . . . .	109,304	59,484	49,820	36,710
<b>Jammu &amp; Kashmir</b>				
Jammu . . . . .	214,737	114,354	100,383	56,829
Srinagar . . . . .	594,775	318,279	276,496	179,504
<b>Karnataka</b>				
Bangalore . . . . .	2,628,593	1,387,423	1,241,170	1,087,852
Belgaum . . . . .	274,430	143,451	130,979	82,003
Bellary . . . . .	201,579	103,802	97,777	76,396
Bijapur . . . . .	147,313	76,647	70,666	43,382
Davangere . . . . .	196,621	103,280	93,341	75,511
Gadag-Petigeri . . . . .	117,368	60,581	56,787	21,942
Gulbarga . . . . .	221,325	116,394	104,931	75,737
Hubli-Dharwad . . . . .	527,108	275,703	251,405	147,942
Mandya . . . . .	100,285	52,517	47,768	28,153
Mangalore . . . . .	193,699	96,690	97,009	28,525
Mysore . . . . .	479,081	247,323	231,758	123,396
Raichur . . . . .	124,762	64,529	60,233	44,931
Shimoga . . . . .	151,783	79,430	72,353	49,074
Tumkur . . . . .	108,670	57,555	51,115	38,194
<b>Kerala</b>				
Alleppey . . . . .	169,940	84,012	85,928	9,774
Calicut . . . . .	394,447	196,628	197,819	60,468
Cochin . . . . .	551,567	277,553	274,014	112,501
Palghat . . . . .	117,986	58,595	59,391	22,198
Quilon . . . . .	167,598	83,173	84,425	43,390
Trivandrum . . . . .	499,531	249,026	250,505	89,904

Please see footnotes on page 22.

## AREA AND POPULATION

Table 4-POPULATION OF CITIES(1)-contd.  
(Census-1981)

States/Cities	Persons	Males	Females	Variation 1971-1981
1	2	3	4	5
Madhya Pradesh				
Bhilainagar	319,450	172,379	147,071	145,080
Bhopal	671,018	358,907	312,111	286,159
Bilaspur	179,791	93,589	86,202	49,051
Burhanpur	140,986	72,612	68,374	35,651
Durg	118,597	61,753	56,844	47,843
Gwalior	539,015	288,036	250,979	132,875
Indore	829,327	439,916	389,411	268,391
Jabalpur	649,085	344,996	304,089	206,604
Khandwa	114,725	59,866	54,859	29,322
Raipur	338,245	176,554	161,691	132,259
Ratlam	155,578	81,161	74,417	38,331
Rewa	100,641	56,271	44,370	31,459
Sagar	174,770	92,918	81,852	47,328
Ujjain	282,203	148,148	134,055	73,642
Maharashtra				
Aurangabad	298,937	159,980	138,957	148,454
Amravati	261,404	136,514	124,890	67,604
Akola	225,412	117,945	107,467	56,974
Ahmadnagar	143,937	75,394	68,543	25,701
Bhusawal	123,133	64,018	59,115	26,333
Bhiwandi	115,298	69,350	45,948	35,722
Chandrapur	115,777	60,749	55,028	40,643
Dhule	210,759	110,869	99,890	73,630
Dombivli	103,222	54,968	48,254	52,114
Gondiya	100,423	51,395	49,028	22,431
Greater Bombay	8,243,405	4,652,646	3,590,759	2,272,830
Ichalkaranji	133,751	72,250	61,501	46,020
Jalgaon	145,335	76,258	69,077	38,624
Jalna	122,276	62,828	59,448	31,177
Kalyan	136,052	72,428	63,624	36,505
Kolhapur	340,625	179,332	161,293	81,575
Latur	111,986	59,279	52,707	41,830
Miraj	105,455	54,534	50,921	27,849
Malegaon	245,883	126,326	119,557	54,036
Nagpur	1,219,461	636,728	582,733	353,385
Nashik	262,428	137,289	125,139	86,337
Nanded	191,269	100,333	90,936	64,731
Pimpri Chinchwad	220,966	120,388	100,578	137,424
Pune	1,203,351	631,312	572,039	347,246
Parbhani	109,364	57,326	52,038	47,794
Sangli	152,389	79,957	72,432	37,251
Solapur	514,860	266,344	248,516	116,499
Thane	309,897	171,575	138,322	139,222
Ulhasnagar	273,668	144,432	129,236	105,206
Manipur				
Imphal	156,622	79,322	77,300	56,256

## AREA AND POPULATION

Table 4- POPULATION OF CITIES(1)-contd.  
(Census-1981)

States/Cities	Persons	Males	Females	Variation 1971-1981
1	2	3	4	5
<b>Meghalaya</b>				
Shillong . . . . .	109,244	57,092	52,152	21,585
<b>Orissa</b>				
Bhubaneswar . . . . .	219,211	124,820	94,391	113,720
Brahmapur . . . . .	162,550	84,467	78,083	44,888
Cuttack . . . . .	295,268	163,951	131,317	89,509
Puri . . . . .	100,942	53,789	47,153	28,268
Raurkela Steel Township . . . . .	214,521	119,019	95,502	89,095
Sambalpur . . . . .	112,631	59,526	53,105	38,173
<b>Punjab</b>				
Amritsar . . . . .	594,844	321,086	273,758	140,039
Bathinda . . . . .	127,363	70,026	57,337	62,045
Batala . . . . .	101,966	53,926	48,040	25,478
Jalandhar . . . . .	408,196	220,457	187,739	112,090
Ludhiana . . . . .	607,052	334,390	272,662	205,876
Patiala . . . . .	206,254	109,702	96,552	55,213
Pathankot . . . . .	110,039	57,565	52,474	31,847
<b>Rajasthan</b>				
Ajmer . . . . .	375,593	197,851	177,742	111,302
Alwar . . . . .	145,795	80,003	65,792	45,417
Bharatpur . . . . .	105,274	57,400	47,874	35,372
Bhilwara . . . . .	122,625	64,948	57,677	40,470
Bikaner . . . . .	256,057	138,629	117,428	67,539
Ganganagar . . . . .	123,692	69,207	54,485	33,650
Jaipur . . . . .	977,165	525,180	451,985	361,907
Jodhpur . . . . .	506,345	270,486	235,859	188,733
Kota . . . . .	358,241	195,109	163,132	145,250
Sikar . . . . .	102,970	53,770	49,200	31,983
Udaipur . . . . .	232,588	125,447	107,141	71,310
<b>Tamil Nadu</b>				
Avadi . . . . .	124,701	66,002	58,699	47,288
Ambattur . . . . .	115,901	60,991	54,910	63,272
Coimbatore . . . . .	704,514	367,040	337,474	139,221
Cuddalore . . . . .	127,625	64,918	62,707	26,290
Dindigul . . . . .	164,103	83,762	80,341	35,674
Erode . . . . .	142,252	73,785	68,467	37,141
Kanchipuram . . . . .	130,926	66,231	64,695	20,269
Kumbakonam . . . . .	132,832	67,061	65,771	19,702
Madras . . . . .	3,276,622	1,694,107	1,582,515	703,655
Madurai . . . . .	820,891	420,739	400,152	186,902
Nagercoil . . . . .	171,648	85,872	85,776	30,360
Rajapalaiyam . . . . .	101,640	51,769	49,871	14,688
Salem . . . . .	361,394	185,054	176,340	52,678
Tiruvottiyur . . . . .	134,014	69,929	64,085	51,161
Tiruchchirappalli . . . . .	362,045	183,891	178,354	54,645
Tirunelveli . . . . .	128,850	64,651	64,199	20,352

Please see footnotes on page 22.

## AREA AND POPULATION

Table 4- POPULATION OF CITIES (1)-contd.  
(Census-1981)

States/Cities	Persons	Males	Females	Variation 1971-1981
1	2	3	4	5
Tamil Nadu-contd.				
Tuticorin . . . . .	192,949	98,121	94,828	37,639
Tiruppur . . . . .	165,223	85,747	79,476	51,921
Thanjavur . . . . .	184,015	94,495	89,520	43,468
Valparai . . . . .	115,452	59,059	56,393	20,277
Vellore . . . . .	174,247	87,846	86,401	35,165
Tripura				
Agartala . . . . .	132,186	67,120	65,066	31,922
Uttar Pradesh				
Agra . . . . .	694,191	374,357	319,834	102,274
Allahabad . . . . .	619,628	340,339	279,289	127,183
Aligarh . . . . .	320,861	171,829	149,032	68,547
Amroha . . . . .	112,682	59,589	53,093	29,980
Bareilly . . . . .	394,938	210,208	184,730	95,182
Bulandshahr . . . . .	103,436	55,346	48,090	43,931
Dehradun . . . . .	220,530	119,068	101,462	50,703
Etawah . . . . .	112,174	59,798	52,376	26,280
Firozabad . . . . .	202,338	109,569	92,769	68,475
Farrukhabad cum				
Fatehgarh . . . . .	145,793	77,652	68,141	43,025
Faizabad . . . . .	101,873	54,725	47,148	(-)962
Gorakhpur . . . . .	307,501	167,845	139,656	76,590
Ghaziabad . . . . .	275,815	153,911	121,904	147,646
Hardwar . . . . .	115,513	63,853	51,660	36,236
Hapur . . . . .	102,837	55,068	47,769	31,571
Jhansi . . . . .	246,172	130,523	115,649	72,880
Jaunpur . . . . .	105,140	56,077	49,063	24,403
Kanpur . . . . .	1,486,522	822,084	664,438	328,201
Lucknow . . . . .	916,954	495,903	421,051	167,715
Mathura . . . . .	147,493	78,891	68,602	15,465
Meerut . . . . .	417,395	222,961	194,434	135,056
Mirzapur cum				
Vindhyachal . . . . .	127,787	68,879	58,908	21,848
Moradabad . . . . .	330,051	177,517	152,534	71,461
Muzaffarnagar . . . . .	171,816	91,656	80,160	57,033
Rampur . . . . .	204,610	108,024	96,586	43,193
Saharanpur . . . . .	295,355	158,752	136,603	69,959
Shahjahanpur . . . . .	187,934	100,127	87,807	52,330
Sambhal . . . . .	108,232	57,816	50,416	21,909
Sitapur . . . . .	101,210	55,574	45,636	34,495
Varanasi . . . . .	720,755	388,115	332,640	132,147
West Bengal				
Asansol . . . . .	187,039	103,875	83,164	31,071
Bally @ . . . . .	147,735	86,734	61,001	..
Balurghat . . . . .	112,621	59,347	53,274	45,533
Baranagar . . . . .	170,348	91,517	78,826	33,501
Bardhaman . . . . .	167,364	88,677	78,687	24,046
Barrackpur . . . . .	115,516	62,825	52,691	18,627

@ The separate population figures of this town for 1971 are not available as the same were included in Haora (M. Corporation)

Please see footnotes on page 22.

## AREA AND POPULATION

Table 4- POPULATION OF CITIES (1)-concl'd.

(Census-1981)

States/Cities	Persons	Males	Females	Variation 1971-1981
1	2	3	4	5
West Bengal-contd.				
Bhatpara . . . . .	285,419	159,562	105,857	60,669
Calcutta . . . . .	3,305,006	1,930,320	1,374,686	156,260
Chandannagar . . . . .	101,925	53,558	48,367	26,687
Durgapur . . . . .	311,798	169,709	142,089	105,160
Garden Reach . . . . .	191,107	106,817	84,290	36,194
Haora . . . . .	744,429	421,636	322,793	6,552
Hugli Chinsurah . . . . .	128,918	66,911	62,007	23,677
Jadabpur . . . . .	251,968	133,490	118,478	111,850
Kamarhati . . . . .	234,951	131,812	103,139	65,547
Kharagpur . . . . .	150,475	79,864	70,611	62,653
Nabadwip . . . . .	118,972	60,206	58,766	24,768
Naihati . . . . .	114,607	64,344	50,263	32,527
Panihati . . . . .	205,718	109,228	96,490	57,672
Serampore . . . . .	127,304	70,585	56,719	25,281
Siliguri . . . . .	154,378	86,074	68,304	56,894
South Dum Dum . . . . .	230,266	121,061	109,205	55,924
South Sub-Urban . . . . .	394,916	209,339	185,577	122,316
Titagarh . . . . .	104,534	64,398	40,136	16,316
Union Territory:				
Chandigarh				
Chandigarh . . . . .	379,660	213,263	166,397	160,917
Delhi				
Delhi Municipal Corporation . . . . .	4,884,234	2,690,092	2,194,142	1,596,351
New Delhi Municipal Committee . . . . .	273,036	155,609	117,427	-28,765
Pondicherry				
Pondicherry . . . . .	162,639	81,666	80,973	29,069

(1) Relates to Class I towns which includes the population of out-growths also.

Note: Excludes Assam.

## AREA AND POPULATION

Table 5- DECENNIAL GROWTH OF POPULATION  
(1901-1981)

State/ Union Territory	In Census				
	1901	1911	1921	1931	1941
1	2	3	4	5	6
INDIA . . . . .	238,396,327	252,093,390	251,321,213	278,977,238	318,660,580
State:					
Andhra Pradesh . . . . .	19,065,921	21,447,412	21,420,448	24,203,573	27,289,340
Assam . . . . .	3,289,680	3,848,617	4,636,980	5,560,371	6,694,790
Bihar . . . . .	27,311,865	28,314,281	28,126,675	31,347,108	35,170,840
Gujarat . . . . .	9,094,748	9,803,587	10,174,989	11,489,828	13,701,551
Haryana . . . . .	4,623,079	4,174,690	4,255,905	4,559,931	5,272,845
Himachal Pradesh . . . . .	1,920,294	1,896,944	1,928,206	2,029,113	2,263,245
Jammu & Kashmir . . . . .	2,139,362	2,292,535	2,424,359	2,670,208	2,946,728
Karnataka . . . . .	13,054,754	13,525,251	13,377,599	14,632,992	16,255,368
Kerala . . . . .	6,396,262	7,147,673	7,802,127	9,507,050	11,031,541
Madhya Pradesh . . . . .	16,860,768	19,440,965	19,171,750	21,355,657	23,990,608
Maharashtra . . . . .	19,391,643	21,474,523	20,849,666	23,959,300	26,832,758
Manipur . . . . .	284,465	346,222	384,016	445,606	512,069
Meghalaya . . . . .	340,524	394,005	422,403	480,837	555,820
Nagaland . . . . .	101,550	149,038	158,801	178,844	189,641
Orissa . . . . .	10,302,917	11,378,875	11,158,586	12,491,056	13,767,988
Punjab . . . . .	7,544,790	6,731,510	7,152,811	8,012,325	9,600,236
Rajasthan . . . . .	10,294,090	10,983,509	10,292,648	11,747,974	13,863,859
Sikkim . . . . .	59,014	87,920	81,721	109,808	121,520
Tamil Nadu . . . . .	19,252,630	20,902,616	21,628,518	23,472,099	26,267,507
Tripura . . . . .	173,325	229,613	304,437	382,450	513,010
Uttar Pradesh . . . . .	48,627,655	48,154,908	46,672,398	49,779,538	56,535,154
West Bengal . . . . .	16,940,088	17,998,769	17,474,348	18,897,036	23,229,552
Union Territory:					
A. & N. Islands . . . . .	24,649	26,459	27,086	29,463	33,768
Arunachal Pradesh(1) . . . . .	..	..	..	..	..
Chandigarh . . . . .	21,967	18,437	18,133	19,783	22,574
D. & N. Haveli . . . . .	24,280	29,020	31,048	38,260	40,441
Delhi . . . . .	405,819	413,851	488,452	636,246	917,939
Goa, Daman & Diu . . . . .	507,518	519,222	500,904	541,710	583,736
Lakshadweep . . . . .	13,882	14,555	13,637	16,040	18,355
Mizoram . . . . .	82,434	91,204	98,406	124,404	152,786
Pondicherry . . . . .	246,354	257,179	244,156	258,628	285,011

Source: Registrar General, India,  
Ministry of Home Affairs

(1) Censused for the first time in 1961.



## AREA AND POPULATION

Table 5- DECENNIAL GROWTH OF POPULATION-contd.

(1901-1981)

State/ Union Territory	In Census			
	1951	1961	1971	1981
1	7	8	9	10
INDIA . . . . .	361,088,090	439,234,771	548,159,652	685,184,692
State:				
Andhra Pradesh . . . . .	31,115,259	35,983,447	43,502,708	53,549,673
Assam . . . . .	8,028,856	10,837,329	14,625,152	19,896,843*
Bihar . . . . .	38,782,271	46,447,457	56,353,369	69,914,734
Gujarat . . . . .	16,262,657	20,633,350	26,697,475	34,085,799
Haryana . . . . .	5,673,614	7,590,543	10,036,808	12,922,618
Himachal Pradesh . . . . .	2,385,981	2,812,463	3,460,434	4,280,818
Jammu & Kashmir . . . . .	3,253,852 (a)	3,560,976	4,616,632	5,987,389
Karnataka . . . . .	19,401,956	23,586,772	29,299,014	37,135,714
Kerala . . . . .	13,549,118	16,903,715	21,347,375	25,453,680
Madhya Pradesh . . . . .	26,071,637	32,372,408	41,654,119	52,178,844
Maharashtra . . . . .	32,002,564	39,553,718	50,412,235	62,784,171
Manipur . . . . .	577,635	780,037	1,072,753	1,420,953
Meghalaya . . . . .	605,674	769,380	1,011,699	1,335,819
Nagaland . . . . .	212,975	369,200	516,449	774,930
Orissa . . . . .	14,645,946	17,548,846	21,944,615	26,370,271
Punjab . . . . .	9,160,500	11,135,069	13,551,060	16,788,915
Rajasthan . . . . .	15,970,774	20,155,602	25,765,806	34,261,862
Sikkim . . . . .	137,725	162,189	209,843	316,385
Tamil Nadu . . . . .	30,119,047	33,686,953	41,199,168	48,408,077
Tripura . . . . .	639,029	1,142,005	1,556,342	2,053,058
Uttar Pradesh . . . . .	63,219,655	73,754,554	88,341,144	110,862,013
West Bengal . . . . .	26,299,980	34,926,279	44,312,011	54,580,647
Union Territory:				
A. & N. Islands . . . . .	30,971	63,548	115,133	188,741
Arunachal Pradesh(1) . . . . .	..	336,558	467,511	631,839
Chandigarh . . . . .	24,261	119,881	257,251	451,610
D. & N. Haveli . . . . .	41,532	57,963	74,170	103,676
Delhi . . . . .	1,744,072	2,658,612	4,065,698	6,220,406
Goa, Daman & Diu . . . . .	596,059	626,667	857,771	1,086,730
Lakshadweep . . . . .	21,035	24,108	31,810	40,249
Mizoram . . . . .	196,202	266,063	332,390	493,757
Pondicherry . . . . .	317,253	369,079	471,707	604,471

(1) Censused for the first time in 1961.

(a) Census was not held in J &amp; K in 1951. Population estimated as mean of 1941-61.

\* Projected figures.

## AREA AND POPULATION

Table 5- DECENNIAL GROWTH OF POPULATION-concl'd.  
(1901-1981)

State/ Union Territory	Decennial Percentage Variation							
	1901-11	1911-21	1921-31	1931-41	1941-51	1951-61	1961-71	1971-81
1	11	12	13	14	15	16	17	18
INDIA (2) (3)	5.75	-0.31	11.00	14.22	13.31	21.51	24.80	25.00
State:								
Andhra Pradesh	12.49	-0.13	12.99	12.75	14.02	15.65	20.90	23.10
Assam	16.99	20.48	19.91	20.40	19.93	34.98	34.95	36.05
Bihar	3.67	-0.66	11.45	12.20	10.27	19.76	21.33	24.06
Gujarat	7.79	3.79	12.92	19.25	18.69	26.88	29.39	27.67
Haryana	-9.70	1.95	7.14	15.63	7.60	33.79	32.23	28.75
Himachal Pradesh	-1.22	1.65	5.23	11.54	5.42	17.87	23.04	23.71
Jammu & Kashmir	7.16	5.75	10.14	10.36	10.42	9.44	29.65	29.69
Karnataka	3.60	-1.09	9.38	11.09	19.36	21.57	24.22	26.75
Kerala	11.75	9.16	21.85	16.04	22.82	24.76	26.29	19.24
Madhya Pradesh	15.30	-1.38	11.39	12.34	8.67	24.17	28.67	25.27
Maharashtra	10.74	-2.91	14.91	11.99	19.27	23.60	27.45	24.54
Manipur	21.71	10.92	16.04	14.92	12.80	35.04	37.53	32.46
Meghalaya	15.71	7.21	13.83	15.59	8.97	27.03	31.50	32.04
Nagaland (2)	46.76	6.55	12.62	6.04	8.60	14.07	39.88	50.05
Orissa	10.44	-1.94	11.94	10.22	6.38	19.82	25.05	20.17
Punjab	-10.78	6.26	12.02	19.82	-4.58	21.56	21.70	23.89
Rajasthan	6.70	-6.29	14.14	18.01	15.20	26.20	27.83	32.97
Sikkim	48.98	-7.05	34.37	10.67	13.34	17.76	29.38	50.77
Tamil Nadu	8.57	3.47	8.52	11.91	14.66	11.85	22.30	17.50
Tripura	32.48	32.59	25.63	34.14	24.56	78.71	36.28	31.92
Uttar Pradesh	-0.97	-3.08	6.66	13.57	11.82	16.66	19.78	25.49
West Bengal	6.25	-2.91	8.14	22.93	13.22	32.80	26.87	23.17
Union Territory:								
A. & N. Islands	7.34	2.37	8.78	14.61	-8.28	105.19	81.17	63.93
Arunachal Pradesh(1)	..	..	..	..	..	..	38.91	35.15
Chandigarh	-16.07	-1.65	9.10	14.11	7.47	394.13	114.59	75.55
D. & N. Haveli	19.52	6.99	23.23	5.70	2.70	39.56	27.96	39.78
Delhi	1.98	18.03	30.26	44.27	90.00	52.44	52.93	53.00
Goa, Daman & Diu	2.31	-3.53	8.15	7.78	2.11	5.14	36.88	26.69
Lakshadweep	4.85	-6.31	17.62	14.43	14.60	14.61	31.95	26.53
Mizoram	10.64	7.90	26.42	22.81	28.42	35.61	24.93	48.55
Pondicherry	4.29	-5.06	5.93	10.20	11.31	16.34	27.81	28.15
SELECTED INDICATORS (ALL INDIA)*								
Birth rate	49.2	48.1	46.4	45.2	39.9	41.7	41.2	37.2
Death rate	42.6	48.6	36.3	31.2	27.4	22.8	19.0	15.0
% Urban population (4)	10.3	11.2	12.0	13.9	17.3	18.0	19.9	23.3(@)
Females per 1,000 males (4)	964	955	950	945	946	941	930	933(@)
Expection of life at birth: Males	22.6	19.4	26.9	32.1	32.4	41.9	46.4	54.1(@)
Females	23.3	20.9	26.6	31.4	31.7	40.6	44.7	54.7(@)
Aggregate	22.9	20.1	26.8	31.8	32.1	41.3	45.6	54.4(@)

(1) Censused for the first time in 1961.

(2) In working out the percentage decadal variation of India and Nagaland for 1941-51 and 1951-61, the 1951 population of Tuensang district i.e (7,025) and 1961 population of Tuensang (83,501) and Mon (50,774) districts of Nagaland have not been taken into account as the areas were censused for the first time in 1951 and these figures are not comparable.

(3) The 1961 population of Arunachal Pradesh has also not been taken into account for working out the percentage decadal variation of India for 1951-61 as it was censused for the first time in 1961.

(4) Figures relates to the end of the period indicated above. For the year 1901 the percentage of urban population was 10.8 and females per 1000 males was 972.

@ Includes projected population of Assam, for estimation.

\* For the end year of the decade.

## AREA AND POPULATION

Table 6-DENSITY-WISE DISTRIBUTION OF POPULATION AND AREA  
(Census-1981)

State/ Union Territory		Density Ranges: Persons per sq.km(%)					
		200 or below	201-350	351-500	501-750	751-999	1000 and above
1		2	3	4	5	6	7
INDIA (1) (2)	(a) . . . . .	30.91	22.37	20.38	15.14	5.39	5.81
	(b) . . . . .	62.77	18.99	10.80	5.49	1.48	0.47
States:							
Andhra Pradesh	(a) . . . . .	48.91	41.50	5.37	-	-	4.22
	(b) . . . . .	67.39	29.71	2.82	-	-	0.08
Bihar	(a) . . . . .	10.28	15.27	26.32	30.95	17.18	-
	(b) . . . . .	24.26	24.01	24.20	19.31	8.22	-
Gujarat	(a) . . . . .	40.22	38.72	21.06	-	-	-
	(b) . . . . .	68.10	23.46	8.44	-	-	-
Haryana	(a) . . . . .	12.59	51.97	35.44	-	-	-
	(b) . . . . .	21.20	51.86	26.94	-	-	-
Himachal Pradesh	(a) . . . . .	79.38	20.62	-	-	-	-
	(b) . . . . .	93.13	6.87	-	-	-	-
Karnataka	(a) . . . . .	48.38	38.30	-	13.32	-	-
	(b) . . . . .	64.16	31.67	-	4.17	-	-
Kerala	(a) . . . . .	3.82	2.18	8.03	31.51	25.07	29.39
	(b) . . . . .	13.02	5.49	11.53	33.77	19.51	16.68
Madhya Pradesh	(a) . . . . .	83.76	13.54	2.70	-	-	-
	(b) . . . . .	92.10	7.02	0.88	-	-	-
Maharashtra	(a) . . . . .	57.33	24.20	5.34	-	-	13.13
	(b) . . . . .	76.84	19.86	3.11	-	-	0.19
Manipur	(a) . . . . .	34.62	-	65.38	-	-	-
	(b) . . . . .	89.98	-	10.02	-	-	-
Meghalaya	(a) . . . . .	100.00	-	-	-	-	-
	(b) . . . . .	100.00	-	-	-	-	-
Nagaland	(a) . . . . .	100.00	-	-	-	-	-
	(b) . . . . .	100.00	-	-	-	-	-
Orissa	(a) . . . . .	52.70	21.20	26.10	-	-	-
	(b) . . . . .	74.20	14.59	11.21	-	-	-
Punjab	(a) . . . . .	-	56.79	32.88	10.33	-	-
	(b) . . . . .	-	68.42	24.83	6.75	-	-
Rajasthan	(a) . . . . .	75.81	24.19	-	-	-	-
	(b) . . . . .	89.34	10.66	-	-	-	-
Sikkim	(a) . . . . .	100.00	-	-	-	-	-
	(b) . . . . .	100.00	-	-	-	-	-
Tamil Nadu	(a) . . . . .	-	33.82	56.47	-	2.94	6.77
	(b) . . . . .	-	46.25	52.32	-	1.30	0.13
Tripura	(a) . . . . .	52.45	47.55	-	-	-	-
	(b) . . . . .	71.08	28.92	-	-	-	-
Uttar Pradesh	(a) . . . . .	7.11	8.66	36.43	45.98	1.82	-
	(b) . . . . .	24.30	13.03	32.59	29.22	0.86	-
West Bengal	(a) . . . . .	-	9.62	24.66	22.60	25.11	18.01
	(b) . . . . .	-	18.35	34.04	21.94	20.35	5.32

Source: Registrar General, India,  
Ministry of Home Affairs

## AREA AND POPULATION

Table 6-DENSITY-WISE DISTRIBUTION OF POPULATION AND AREA-contd.  
(Census-1981)

State/ Union Territory	Density Ranges: Persons per sq.Km(%)					
	200 or below	201-350	351-500	501-750	751-999	1000 and above
1	2	3	4	5	6	7
Union Territory:						
Andaman & Nicobar Islands	(a) . . . . .	100.00	-	-	-	-
	(b) . . . . .	100.00	-	-	-	-
Arunachal Pradesh	(a) . . . . .	100.00	-	-	-	-
	(b) . . . . .	100.00	-	-	-	-
Chandigarh	(a) . . . . .	-	-	-	-	100.00
	(b) . . . . .	-	-	-	-	100.00
Dadra and Nagar Haveli	(a) . . . . .	-	100.00	-	-	-
	(b) . . . . .	-	100.00	-	-	-
Delhi	(a) . . . . .	-	-	-	-	100.00
	(b) . . . . .	-	-	-	-	100.00
Goa, Daman and Diu	(a) . . . . .	-	92.73	-	4.47	2.80
	(b) . . . . .	-	97.06	-	1.89	1.05
Lakshadweep	(a) . . . . .	-	-	-	-	100.00
	(b) . . . . .	-	-	-	-	100.00
Mizoram	(a) . . . . .	100.00	-	-	-	-
	(b) . . . . .	100.00	-	-	-	-
Pondicherry	(a) . . . . .	-	-	1.93	19.85	-
	(b) . . . . .	-	-	6.10	32.52	-

(1) Excludes Assam where census could not be held due to disturbed conditions prevailing there at the time of 1981 census.

(2) Excludes Jammu and Kashmir as the comparable area and population figures of the areas under unlawful occupation of Pakistan and China where census could not be taken are not available.

(a) Percentage of population to total population.

(b) Percentage of area to total area.

## AREA AND POPULATION

Table 7-RANKS OF STATES AND UNION TERRITORIES BY POPULATION AND AREA

(Census-1981)

State/ Union Territory	Rank by population	% of population	Rank by area(1)	% of area(1)
1	2	3	4	5
<b>State</b>				
Andhra Pradesh . . . . .	5	7.82	5	8.37
Assam . . . . .	13	2.90	14	2.39
Bihar . . . . .	2	10.20	9	5.29
Gujarat . . . . .	10	4.97	7	5.96
Haryana . . . . .	15	1.89	17	1.34
Himachal Pradesh . . . . .	16	0.62	15	1.69
Jammu & Kashmir . . . . .	17	0.87	6	6.76
Karnataka . . . . .	8	5.42	8	5.83
Kerala . . . . .	12	3.71	18	1.18
Madhya Pradesh . . . . .	6	7.62	1	13.49
Maharashtra . . . . .	3	9.16	3	9.36
Manipur . . . . .	20	0.21	20	0.68
Meghalaya . . . . .	21	0.19	19	0.68
Nagaland . . . . .	23	0.11	22	0.50
Orissa . . . . .	11	3.85	10	4.74
Punjab . . . . .	14	2.45	16	1.53
Rajasthan . . . . .	9	5.00	2	10.41
Sikkim . . . . .	28	0.05	25	0.22
Tamil Nadu . . . . .	7	7.06	11	3.96
Tripura . . . . .	19	0.30	23	0.32
Uttar Pradesh . . . . .	1	16.18	4	8.96
West Bengal . . . . .	4	7.97	12	2.70
<b>Union Territory:</b>				
A & N Islands . . . . .	29	0.03	24	0.25
Arunachal Pradesh . . . . .	24	0.09	13	2.55
Chandigarh . . . . .	27	0.07	30	
Dadra & Nagar Haveli . . . . .	30	0.02	29	0.01
Delhi . . . . .	16	0.91	27	0.05
Goa, Daman & Diu . . . . .	22	0.16	26	0.12
Lakshadweep . . . . .	31	0.01	31	
Mizoram . . . . .	26	0.07	21	0.64
Pondicherry . . . . .	25	0.09	28	0.02

Source: Registrar General, India,  
Ministry of Home Affairs

(1) Based on provisional area figures as on 31.3.1982.

## AREA AND POPULATION

TABLE 8-ECONOMIC CLASSIFICATION OF THE POPULATION  
(Census-1981)

State/ Union Territory	MAIN WORKERS						
	Total Main Workers			Cultivators		Agricultural Labourers	
	Persons	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8
INDIA (1) (2)	222,516,574	177,543,406	44,973,168	77,590,670	14,932,165	34,731,846	20,767,858
State:							
Andhra Pradesh	22,629,101	15,485,825	7,143,276	5,708,222	1,699,716	4,105,738	4,219,279
Bihar	20,753,128	17,675,805	3,077,323	8,256,140	785,945	5,418,023	1,948,950
Gujarat	10,984,042	9,160,398	1,823,644	3,567,338	547,406	1,611,491	876,809
Haryana	3,663,904	3,381,788	282,116	1,497,901	138,981	528,256	62,068
Himachal Pradesh	1,471,025	1,076,004	395,021	647,695	353,834	33,314	6,758
Jammu & Kashmir(2)	1,818,571	1,651,846	166,725	928,027	105,870	59,890	3,650
Karnataka	13,650,458	10,199,007	3,451,451	4,367,774	854,258	1,939,293	1,715,904
Kerala	6,791,175	5,141,149	1,650,026	805,552	81,680	1,198,775	718,587
Madhya Pradesh	20,041,374	14,389,522	5,651,852	7,742,175	2,672,095	2,562,500	2,295,329
Maharashtra	24,301,793	17,019,598	7,282,195	5,733,565	2,802,345	3,149,788	3,321,067
Manipur	573,339	331,242	242,097	211,862	152,759	10,961	17,652
Meghalaya	580,220	363,164	217,056	210,010	153,000	34,218	23,681
Nagaland	368,321	215,904	152,417	123,089	143,152	2,492	487
Orissa	8,635,285	7,238,326	1,396,959	3,711,009	342,301	1,639,255	757,719
Punjab	4,927,759	4,749,646	178,113	1,756,779	10,507	1,047,175	45,050
Rajasthan	10,442,268	8,912,491	1,529,777	5,410,167	1,021,096	524,981	239,644
Sikkim	147,436	97,508	49,928	48,907	39,703	3,361	1,526
Tamil Nadu	19,026,393	13,677,055	5,349,338	4,341,818	1,217,285	3,179,244	2,858,357
Tripura	608,589	519,291	89,298	229,253	34,174	117,455	28,634
Uttar Pradesh	32,396,754	29,590,130	2,806,624	17,615,285	1,342,487	4,188,308	988,766
West Bengal	15,424,431	13,913,066	1,511,365	4,369,211	221,723	3,295,601	595,930
Union Territory:							
A. & N. Islands	62,680	58,549	4,131	9,762	512	2,244	93
Arunachal Pradesh	313,435	194,831	118,604	113,421	109,933	5,430	2,366
Chandigarh	156,658	139,133	17,525	2,151	13	784	72
Dadra and Nagar Haveli	42,315	28,942	13,373	16,324	9,820	2,570	2,022
Delhi	1,986,399	1,805,100	181,299	32,222	2,619	13,870	2,261
Goa, Daman & Diu	332,463	251,477	80,986	40,627	21,945	17,431	14,963
Lakshadweep	7,947	6,839	1,108	-	-	-	-
Mizoram	206,064	129,608	76,456	79,556	65,989	3,465	1,653
Pondicherry	173,247	140,162	33,085	14,824	1,017	35,933	18,581

Source: Registrar General India,  
Ministry of Home Affairs

- (1) Excludes Assam where census could not be held owing to disturbed conditions prevailing there at the time of 1981 census.
- (2) Excludes the figures of those areas which are under unlawful occupation of Pakistan and China where census could not be taken.

## AREA AND POPULATION

TABLE 8-ECONOMIC CLASSIFICATION OF THE POPULATION-contd.  
(Census-1981)

State/ Union Territory	MAIN WORKERS				MARGINAL WORKERS		
	Household Industry		Other Workers		Persons	Males	Females
	Males	Females	Males	Females			
1	9	10	11	12	13	14	15
INDIA (1) (2)	5,647,030	2,063,890	59,573,860	7,209,255	22,088,412	3,536,806	18,551,606
State:							
Andhra Pradesh	697,040	367,070	4,974,825	857,211	1,876,580	150,934	1,725,646
Bihar	410,220	84,904	3,591,422	257,524	1,863,957	353,636	1,510,321
Gujarat	222,025	45,255	3,759,544	354,174	1,718,430	126,236	1,592,194
Haryana	96,002	6,824	1,259,629	74,243	423,788	68,491	355,297
Himachal Pradesh	24,124	2,882	370,871	31,547	342,974	65,550	277,424
Jammu & Kashmir(2)	78,600	17,732	585,329	39,473	831,473	114,369	717,104
Karnataka	334,931	224,779	3,557,009	656,510	1,293,366	131,715	1,161,651
Kerala	124,365	126,141	3,012,457	723,618	980,045	482,767	497,278
Madhya Pradesh	483,990	221,861	3,600,857	462,567	2,356,278	257,498	2,098,780
Maharashtra	445,354	175,152	7,690,891	983,631	2,416,437	395,747	2,020,690
Manipur	6,673	48,822	101,746	22,864	40,469	6,200	34,269
Meghalaya	2,676	2,186	116,260	38,189	33,221	5,799	27,422
Nagaland	964	497	89,359	8,281	5,433	2,762	2,671
Orissa	205,678	79,499	1,682,384	217,440	1,387,053	196,633	1,190,420
Punjab	118,534	8,652	1,827,158	113,904	360,152	54,698	305,454
Rajasthan	296,957	43,201	2,680,386	225,836	2,100,353	174,464	1,925,889
Sikkim	1,216	370	44,024	8,329	5,378	1,164	4,214
Tamil Nadu	561,138	337,139	5,594,855	936,557	1,172,397	178,682	993,715
Tripura	6,550	2,191	166,033	24,299	53,860	15,620	38,240
Uttar Pradesh	1,053,716	146,289	6,732,821	329,082	1,654,608	263,939	1,390,669
West Bengal	429,535	113,397	5,818,719	580,315	1,040,134	452,483	587,651
Union Territory:							
A. & N. Islands	1,431	395	45,112	3,131	6,932	2,279	4,653
Arunachal Pradesh	842	153	75,134	6,152	19,120	4,125	14,995
Chandigarh	788	144	135,410	17,296	1,037	686	351
Dadra and Nagar Haveli	259	79	9,789	1,452	8,404	632	7,772
Delhi	30,454	3,049	1,728,554	173,370	15,793	6,865	8,928
Goa, Daman & Diu	8,619	2,716	184,800	41,362	49,985	12,903	37,082
Lakshadweep	553	535	6,286	573	1,869	1,157	712
Mizoram	959	799	45,628	8,015	18,303	5,533	12,770
Pondicherry	2,837	1,177	86,568	12,310	10,583	3,239	7,344

Please see footnotes on page 29 ante.

## AREA AND POPULATION

TABLE 8-ECONOMIC CLASSIFICATION OF THE POPULATION-concl'd.

(Census-1981)

State/ Union Territory	NON-WORKERS		
	Persons	Males	Females
1	16	17	18
INDIA (1) (2)	420,682 863	162,850,211	257,832,652
State:			
Andhra Pradesh	29,043,992	11,472,163	17,571,829
Bihar	47,297,649	17,901,119	29,396,530
Gujarat	21,383,327	8,266,006	13,117,321
Haryana	8,834,926	3,459,659	5,375,267
Himachal Pradesh	2,466,819	1,028,377	1,438,442
Jammu & Kashmir (2)	3,337,345	1,398,445	1,938,900
Karnataka	22,191,890	8,591,905	13,599,985
Kerala	17,682,460	6,903,851	10,778,609
Madhya Pradesh	29,781,192	12,239,285	17,541,907
Maharashtra	36,065,941	14,999,781	21,066,160
Manipur	807,145	383,564	423,581
Meghalaya	722,378	314,747	407,631
Nagaland	401,176	197,244	203,932
Orissa	16,347,933	5,874,827	10,473,106
Punjab	11,501,004	4,132,866	7,368,138
Rajasthan	21,719,241	8,767,199	12,952,042
Sikkim	163,571	73,768	89,803
Tamil Nadu	28,209,287	10,631,887	17,577,400
Tripura	1,390,609	519,935	870,674
Uttar Pradesh	76,810,651	28,965,207	47,845,444
West Bengal	38,116,082	14,195,352	23,920,730
Union Territory:			
A. & N. Islands	119,129	46,433	72,696
Arunachal Pradesh	299,284	140,366	158,918
Chandigarh	293,915	115,459	178,456
Dadra and Nagar Haveli	52,957	22,941	30,016
Delhi	4,218,214	1,628,116	2,590,098
Goa, Daman & Diu	704,282	284,070	420,212
Lakshadweep	30,433	12,381	18,052
Mizoram	269,390	122,098	147,292
Pondicherry	420,641	161,160	259,481

Please see footnotes on page 29 ante.



## AREA AND POPULATION

Table 9-EXPECTATION OF LIFE

Census Year									At birth		Age 10		Age 20	
									Male	Female	Male	Female	Male	Female
1									2	3	4	5	6	7
1881	..	..	..	..	..	..	..	..	23.67	25.58	34.00	33.42	28.55	28.44
1891	..	..	..	..	..	..	..	..	24.59	25.54	35.46	34.40	29.24	29.28
1901	..	..	..	..	..	..	..	..	23.63	23.96	34.73	33.86	28.59	28.64
1911	..	..	..	..	..	..	..	..	22.59	23.31	33.36	33.74	27.46	27.96
1921	..	..	..	..	..	..	..	..	19.42	20.91	29.64	29.21	25.46	25.41
1931	..	..	..	..	..	..	..	..	26.91	26.56	36.38	33.61	29.57	27.08
1941	..	..	..	..	..	..	..	..	32.09	31.37	41.20	38.56	35.02	33.11
1951	..	..	..	..	..	..	..	..	32.45	31.66	38.97	39.45	33.03	32.90
1961	..	..	..	..	..	..	..	..	41.89	40.55	45.21	43.78	36.99	35.63
1971(a)	..	..	..	..	..	..	..	..	46.40	44.70	48.80	47.70	41.10	39.90
1980(b)	..	..	..	..	..	..	..	..	54.1	54.7	56.1	58.0	47.0	49.2

Census Year									Age 30		Age 40		Age 50		Age 60	
									Male	Female	Male	Female	Male	Female	Male	Female
1									8	9	10	11	12	13	14	15
1881	..	..	..	..	..	..	..	..	23.80	24.48	18.90	20.03	13.93	14.96	9.25	9.79
1891	..	..	..	..	..	..	..	..	23.66	24.69	18.75	20.20	14.28	15.59	10.12	10.87
1901	..	..	..	..	..	..	..	..	22.90	23.82	17.91	19.12	13.59	14.50	9.53	10.02
1911	..	..	..	..	..	..	..	..	22.45	22.99	18.01	18.49	13.97	14.28	10.00	10.11
1921	..	..	..	..	..	..	..	..	21.64	21.78	17.93	18.31	14.30	14.95	10.67	11.67
1931	..	..	..	..	..	..	..	..	23.60	22.30	18.60	18.23	14.31	14.65	10.25	10.81
1941	..	..	..	..	..	..	..	..	29.03	27.89	23.27	22.91	17.77	18.17	12.59	13.68
1951	..	..	..	..	..	..	..	..	26.58	26.18	20.53	21.06	14.89	16.15	10.13	11.33
1961	..	..	..	..	..	..	..	..	29.03	27.86	22.07	22.37	16.45	17.46	11.77	12.98
1971(a)	..	..	..	..	..	..	..	..	33.50	32.00	25.90	25.40	19.20	19.70	13.60	13.80
1980(b)	..	..	..	..	..	..	..	..	38.0	41.0	29.3	32.5	21.4	24.3	14.6	17.0

Source: Registrar General, India,  
Ministry of Home Affairs

(a) Based on 10% rural and 20% urban sample.

(b) Based on the abridged life tables constructed by taking age specific mortality rates of 1980 estimated by sample registration systems.

Note: Excludes Sikkim.

# AREA AND POPULATION

TABLE 10-POPULATION BY MAJOR RELIGIOUS COMMUNITIES

(Census-1981)

State/ Union Territory	Hindus		Muslims		Christians	
	Population	% increase 1971-81	Population	% increase 1971-81	Population	% increase 1971-81
1	2	3	4	5	6	7
INDIA (1)	549,724,717	24.14	75,571,514	30.69	16,174,498	16.83
State:						
Andhra Pradesh	47,525,681	24.68	4,533,700	28.79	1,433,327	-21.39
Assam	..	..	..	..	..	..
Bihar	58,011,070	23.34	9,874,993	30.03	740,186	12.37
Gujarat	30,518,500	28.04	2,907,744	29.29	132,703	21.37
Haryana	11,547,676	28.93	523,536	29.04	12,215	24.62
Himachal Pradesh	4,099,706	23.31	69,413	38.32	3,954	11.19
Jammu & Kashmir	1,930,448	37.47	3,843,451	26.42	8,481	18.09
Karnataka	31,852,029	25.74	4,163,891	33.74	773,500	26.18
Kerala	14,801,347	16.70	5,409,887	29.96	5,233,865	16.46
Madhya Pradesh	48,504,575	24.29	2,501,919	37.79	351,972	23.04
Maharashtra	51,109,457	23.73	5,805,785	37.15	795,464	10.92
Manipur	853,180	34.87	99,327	39.96	421,702	51.02
Meghalaya	240,831	28.69	41,434	57.26	702,854	47.89
Nagaland	111,266	88.49	11,806	298.04	621,590	80.28
Orissa	25,161,725	19.13	422,266	29.33	480,426	26.80
Punjab	6,200,195	21.88	168,094	46.87	184,934	14.01
Rajasthan	30,603,970	32.52	2,492,145	40.14	39,568	31.01
Sikkim	212,780	47.21	3,241	867.46	7,015	321.83
Tamil Nadu	43,016,546	17.29	2,519,947	19.78	2,798,048	18.17
Tripura	1,834,218	31.61	138,529	33.25	24,872	58.29
Uttar Pradesh	92,365,968	24.82	17,657,735	29.11	162,199	23.06
West Bengal	42,007,159	21.37	11,743,259	29.55	319,670	26.98
Union Territory:						
A. & N. Islands	121,793	73.66	16,188	38.89	48,274	59.10
Arunachal Pradesh	184,732	79.64	5,073	502.49	27,306	641.21
Chandigarh	339,920	84.34	9,115	145.03	4,470	78.51
D. & N. Haveli	99,072	39.39	1,932	161.08	2,025	5.58
Delhi	5,200,432	52.80	481,802	83.18	61,609	40.92
Goa, Daman & Diu	716,169	30.10	48,461	50.27	318,249	16.78
Lakshadweep	1,799	16.44	38,173	27.16	266	11.30
Mizoram	35,245	66.02	2,205	17.16	413,840	44.63
Pondicherry	517,228	29.05	36,663	25.80	49,914	20.87

Source: Registrar General, India,  
Ministry of Home Affairs

(1) Excludes Assam.

## AREA AND POPULATION

TABLE 10- POPULATION BY MAJOR RELIGIOUS COMMUNITIES-contd.

(Census-1981)

State/ Union Territory	Sikhs		Buddhists		Jains		Others	
	Popula- tion	% increase 1971-81	Popula- tion	% increase 1971-81	Popula- tion	% increase 1971-81	Popula- tion	% increase 1971-81
1	8	9	10	11	12	13	14	15
INDIA (1)	13,078,146	26.15	4,719,900	22.52	3,192,572	23.17	2,826,502	27.26
State:								
Andhra Pradesh	16,222	28.84	12,930	28.85	18,642	15.73	9,171	739.07
Assam	..	..	..	..	..	..	..	..
Bihar	77,704	26.31	3,003	-37.52	27,613	9.64	1,180,165	20.77
Gujarat	22,438	23.06	7,550	38.05	467,768	3.59	29,096	2.71
Haryana	802,230	27.13	761	-9.94	35,482	13.82	718	-62.35
Himachal Pradesh	52,209	16.24	52,629	46.45	1,046	67.09	1,661	271.59
Jammu & Kashmir	133,675	26.26	69,706	20.27	1,576	37.04	52	4.00
Karnataka	6,401	-6.28	42,251	198.83	284,508	29.99	13,334	2,731.00
Kerala	1,295	0.86	223	-63.14	3,605	8.06	3,658	77.06
Madhya Pradesh	143,020	44.50	75,312	-7.96	444,960	28.90	157,086	7,063.06
Maharashtra	107,255	5.40	3,946,149	20.89	939,392	33.50	80,669	-5.21
Manipur	992	-3.50	473	-4.44	975	-30.75	44,304	-49.08
Meghalaya	1,674	32.65	2,739	45.85	542	102.24	345,745	8.20
Nagaland	743	8.15	517	188.83	1,153	83.89	27,855	-74.25
Orissa	14,270	39.85	8,028	-5.13	6,642	1.86	276,914	197.83
Punjab	10,199,141	24.99	799	-41.85	27,049	26.50	8,703	95.70
Rajasthan	492,818	44.44	4,427	21.55	624,317	21.57	4,617	-8.79
Sikkim	322	242.55	90,848	45.09	108	-43.46	2,071	419.05
Tamil Nadu	4,395	0.92	735	-35.98	49,564	20.60	18,842	178.32
Tripura	285	-10.38	54,806	29.61	297	-20.80	51	**
Uttar Pradesh	458,647	24.07	54,542	37.60	141,549	13.49	21,373	1,734.59
West Bengal	49,054	39.82	156,296	28.63	38,663	20.06	266,546	36.50
Union Territory:								
A.& N.Islands	991	14.57	127	23.30	11	-21.43	1,357	-32.82
Arunachal Pradesh	1,231	-1.91	86,483	40.85	42	7.69	326,972	9.92
Chandigarh	95,370	45.67	454	393.48	1,889	85.93	392	653.85
D.& N.Haveli	11	266.67	189	158.90	372	22.77	75	29.31
Delhi	393,921	35.31	7,117	-18.38	73,917	46.33	1,608	109.38
Goa, Daman & Diu	1,380	55.93	302	16.15	602	8.27	1,567	89.02
Lakshadweep	..	-100.00	..	..	..	..	11	266.67
Mizoram	421	-1.41	40,429	78.52	11	266.67	1,606	2,532.79
Pondicherry	31	-39.22	75	257.14	277	16.88	283	70.48

(1) Excludes Assam.

(\*\*) Indeterminate.

## AREA AND POPULATION

TABLE 11-POPULATION OF SCHEDULED CASTES AND SCHEDULED TRIBES

(Census-1981)

State/ Union Territory	Scheduled castes					% to population of State/Union Territory
	Male	Female	Persons	Rural	Urban	
1	2	3	4	5	6	7
INDIA (1) (2)	54,210,594	50,544,029	104,754,623	87,996,992	16,757,631	15.75
State:						
Andhra Pradesh	4,039,242	3,922,488	7,961,730	6,752,368	1,209,362	14.87
Bihar	5,158,486	4,983,882	10,142,368	9,282,243	860,125	14.51
Gujarat	1,255,512	1,182,785	2,438,297	1,641,070	797,227	7.15
Haryana	1,322,088	1,141,924	2,464,012	2,092,920	371,092	19.07
Himachal Pradesh	537,989	515,969	1,053,958	997,427	56,531	24.62
Jammu & Kashmir(2)	258,789	238,574	497,363	440,017	57,346	8.31
Karnataka	2,843,413	2,751,940	5,595,353	4,368,731	1,226,622	15.07
Kerala	1,260,874	1,288,508	2,549,382	2,240,011	309,371	10.02
Madhya Pradesh	3,808,259	3,550,274	7,358,533	6,040,141	1,318,392	14.10
Maharashtra	2,299,098	2,180,665	4,479,763	3,065,938	1,413,825	7.14
Manipur	9,075	8,678	17,753	14,795	2,958	1.25
Meghalaya	3,068	2,424	5,492	2,950	2,542	0.41
Nagaland	..	..	..	..	..	..
Orissa	1,944,071	1,921,472	3,865,543	3,502,195	363,348	14.66
Punjab	2,415,903	2,095,800	4,511,703	3,666,372	845,331	26.87
Rajasthan	3,052,375	2,786,504	5,838,879	4,790,504	1,048,375	17.04
Sikkim	9,558	8,723	18,281	14,365	3,916	5.78
Tamil Nadu	4,485,332	4,395,963	8,881,295	7,090,664	1,790,631	18.35
Tripura	159,796	150,588	310,384	290,832	19,552	15.12
Uttar Pradesh	12,397,321	11,056,018	23,453,339	21,000,331	2,453,008	21.16
West Bengal	6,231,795	5,768,973	12,000,768	10,511,836	1,488,932	21.99
Union Territory:						
A. & N. Islands	..	..	..	..	..	..
Arunachal Pradesh	1,833	1,086	2,919	1,940	979	0.46
Chandigarh	36,093	27,528	63,621	6,813	56,808	14.09
D. & N. Haveli	957	1,084	2,041	1,818	223	1.97
Delhi	618,550	503,093	1,121,643	104,012	1,017,631	18.03
Goa, Daman & Diu	11,787	11,645	23,432	14,076	9,356	2.16
Lakshadweep	..	..	..	..	..	..
Mizoram	120	15	135	97	38	0.03
Pondicherry	49,210	47,426	96,636	62,526	34,110	15.99

Source: Registrar General, India  
Ministry of Home Affairs

Please see footnotes on page 36.

## AREA AND POPULATION

TABLE 11-POPULATION OF SCHEDULED CASTES AND SCHEDULED TRIBES-contd.  
(Census-1981)

State/ Union Territory	Scheduled Tribes					% to popu- lation of State/ Union Territory	% of Scheduled Castes & Sch- eduled Tribes to total population of State/Union Territory
	Male	Female	Persons	Rural	Urban		
1	8	9	10	11	12	13	14
INDIA (1)(2)	26,038,535	25,590,103	51,628,638	48,427,604	3,201,034	7.76	23.51
State:							
Andhra Pradesh	1,618,689	1,557,312	3,176,001	2,978,593	197,408	5.93	20.80
Bihar	2,915,492	2,895,375	5,810,867	5,448,750	362,117	8.31	22.82
Gujarat	2,453,566	2,395,020	4,848,586	4,493,612	354,974	14.22	21.37
Haryana	..	..	..	..	..	..	19.07
Himachal Pradesh	99,727	97,536	197,263	194,149	3,114	4.61	29.23
Jammu & Kashmir(2)	..	..	..	..	..	..	8.31
Karnataka	926,235	898,968	1,825,203	1,590,364	234,839	4.91	19.98
Kerala	131,243	130,232	261,475	256,485	4,990	1.03	11.05
Madhya Pradesh	6,003,304	5,983,727	11,987,031	11,552,881	434,150	22.97	37.07
Maharashtra	2,923,955	2,848,083	5,772,038	5,170,096	601,942	9.19	16.33
Manipur	196,455	191,522	387,977	342,811	45,166	27.30	28.55
Meghalaya	537,635	538,710	1,076,345	942,734	133,611	80.58	80.99
Nagaland	332,943	317,942	650,885	587,270	63,615	83.99	83.99
Orissa	2,939,863	2,975,204	5,915,067	5,642,376	272,691	22.43	37.09
Punjab	..	..	..	..	..	..	26.87
Rajasthan	2,150,767	2,032,357	4,183,124	4,027,168	155,956	12.21	29.25
Sikkim	38,211	35,412	73,623	62,621	11,002	23.27	29.05
Tamil Nadu	264,288	255,938	520,226	469,810	50,416	1.07	19.42
Tripura	297,612	286,308	583,920	576,252	7,668	28.44	43.56
Uttar Pradesh	121,506	111,199	232,705	221,729	10,976	0.21	21.37
West Bengal	1,559,288	1,511,384	3,070,672	2,955,220	115,452	5.63	27.62
Union Territory:							
A. & N. Islands	11,586	10,775	22,361	22,090	271	11.85	11.85
Arunachal Pradesh	220,046	221,121	441,167	431,110	10,057	69.82	70.28
Chandigarh	..	..	..	..	..	..	14.09
D. & N. Haveli	40,486	41,228	81,714	78,928	2,786	78.82	80.79
Delhi	..	..	..	..	..	..	18.03
Goa, Daman & Diu	5,512	5,209	10,721	8,232	2,489	0.99	3.15
Lakshadweep	18,865	18,895	37,760	20,887	16,873	93.82	93.82
Mizoram	231,261	230,646	461,907	353,436	108,471	93.55	93.58
Pondicherry	..	..	..	..	..	..	15.99

- (1) Excludes Assam where census could not be held owing to disturbed conditions prevailing there at the time of 1981 census.
- (2) Excludes the population of areas under unlawful occupation of Pakistan and China where census could not be taken.
- (a) This figure would appear to include high returns relating to certain communities with nomenclatures similar to those included in the list of scheduled tribes consequent on the removal of area restrictions.

## Notes:

- (i) No castes were scheduled by the President of India for Nagaland, A. & N. Islands and Lakshadweep.
- (ii) No tribes were scheduled by the President of India for Haryana, Jammu and Kashmir, Punjab, Chandigarh, Delhi and Pondicherry.
- (iii) 1981 figures of scheduled castes and scheduled tribes are the enumerated figures based on Scheduled Castes and Scheduled Tribes Orders (Amendment) Act, 1976 and other relevant Acts and Orders.

## AREA AND POPULATION

TABLE 12-ESTIMATED MID YEAR POPULATION

('000)

State/ Union Territory	1961	1966	1971	1976	1981	1984	1985	1986	1987	1988
1	2	3	4	5	6	7	8	9	10	11
INDIA	442,535	493,391	551,311	617,248	690,133	735,598	750,859	766,135	781,374	796,596
State:										
Andhra Pradesh	36,213	39,604	43,727	48,503	53,906	57,088	58,147	59,216	60,289	61,367
Assam (1)	11,246	13,467	14,737	17,171	20,071	21,534	22,008	22,501	23,013	23,542
Bihar	46,767	51,556	56,644	62,921	70,425	75,061	76,659	78,308	80,002	81,742
Gujarat	20,812	23,652	26,867	30,466	34,336	36,530	37,236	37,932	38,618	39,290
Haryana	7,685	8,920	10,102	11,509	13,040	14,181	14,567	14,936	15,288	15,619
Himachal Pradesh	2,841	3,154	3,479	3,876	4,309	4,564	4,647	4,730	4,812	4,893
Jammu & Kashmir	3,581	3,983	4,650	5,341	6,008	6,448	6,598	6,748	6,896	7,044
Karnataka	23,761	26,415	29,467	33,112	37,420	39,950	40,777	41,604	42,425	43,236
Kerala	17,051	19,146	21,456	23,675	25,599	27,032	27,527	28,008	28,475	28,930
Madhya Pradesh	32,643	37,005	41,909	47,222	52,558	56,136	57,366	58,592	59,814	61,027
Maharashtra	39,880	44,886	50,709	56,921	63,236	67,481	68,854	70,138	71,334	72,442
Manipur	790	929	1,081	1,254	1,433	1,547	1,585	1,624	1,662	1,700
Meghalaya	759	887	1,019	1,172	1,348	1,466	1,508	1,548	1,588	1,627
Nagaland	375	458	521	623	786	889	924	960	996	1,034
Orissa	17,678	19,739	22,073	24,420	26,523	28,000	28,516	29,032	29,547	30,062
Punjab	11,228	12,390	13,620	15,119	16,909	17,982	18,312	18,622	18,908	19,169
Rajasthan	20,335	23,017	25,938	29,744	34,588	37,522	38,518	39,540	40,585	41,652
Sikkim	163	182	212	255	321	359	372	385	398	412
Tamil Nadu	33,880	36,970	41,404	45,420	48,659	51,152	52,016	52,849	53,653	54,429
Tripura	1,160	1,399	1,565	1,780	2,072	2,238	2,290	2,343	2,395	2,446
Uttar Pradesh	74,162	80,956	88,800	98,883	111,689	118,947	121,378	123,892	126,479	129,137
West Bengal	35,206	39,833	44,545	49,562	54,949	58,333	59,477	60,625	61,773	62,920
Union Territory:										
A. & N. Islands	65	90	117	151	192	221	232	242	253	264
Arunachal Pradesh	345	406	471	550	638	695	714	734	754	774
Chandigarh	124	190	260	340	460	542	570	601	632	665
D. & N. Haveli	59	67	75	87	105	113	116	119	122	125
Delhi	2,700	3,327	4,109	5,085	6,308	7,136	7,428	7,729	8,039	8,357
Goa, Daman & Diu	630	712	865	1,002	1,095	1,177	1,207	1,235	1,263	1,289
Lakshadweep	24	27	32	37	40	42	43	44	44	45
Mizoram (1)	..	..	335	395	501	565	586	608	630	651
Pondicherry	372	415	475	541	609	653	668	682	697	711

Source: Registrar General, India,  
Ministry of Home Affairs

(1) Figures of Assam include Mizoram before, 1971.

## Note:

- i. The estimates from 1981 onwards are as on 1st October. For earlier years these are as on 1st July. The two series, 1961, 1966, 1971, 1976, 1981 and 1982-88 are based on two different base figures. The former is based on census counts of 1961, 1971 & 1981 and later on expert committee population projections.
- ii. The aggregate over the States and Union Territories will not exactly tally with population of India, which has been calculated independently. The differences, however, are very minor.

## *RAINFALL*

**R**ainfall is recorded by the Indian Meteorological Department at 541 surface and 610 Hydromet observatories. In addition there are about 4,900 rain recording stations maintained by the various State Governments who publish the data emanating therefrom.

Daily rainfall is recorded at 0830 hours everyday throughout the country. The amount is the total rainfall for the preceding 24 hours ending at 0830 hours of the date of measurement.

This section gives the data of normal and actual rainfall with reference to meteorological sub-divisions mentioned therein. The rainfall figures appended with the letter 'a' in parenthesis are based on the data recorded at the observatory stations, while the other figures are based on the available data recorded at both departmental observatories and state raingauge stations. The sub-divisional means are provisionally worked out on the basis of observatory data only, since there is a considerable time lag in the receipt of the rainfall data from the states.

Table 13 gives sub-divisionwise actual and normal monthly rainfall.

Table 14 gives, at sub-divisional level, actual annual rainfall data for the individual years

## RAINFALL

Table 13-MONTHLY AND ANNUAL RAINFALL 1988(1)  
(by meteorological sub-divisions)

(millimetres)

Sub-division(2)	Monthly rainfall							
	January		February		March		April	
	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal
1	2	3	4	5	6	7	8	9
1.Andaman and Nicobar Islands (3)	25.7	98.2	57.9	45.9	29.7	35.7	66.8	76.0
2.Arunachal Pradesh	79.5	40.0	130.3	105.1	269.7	123.7	277.7	262.3
3.Assam and Meghalaya	16.2	19.3	40.6	25.4	91.5	74.7	174.1	174.4
4.Nagaland,Mizoram,Manipur and Tripura	1.0	14.5	46.5	27.5	100.8	76.2	118.4	142.4
5.Sub-Himalayan,West Bengal & Sikkim (4)	2.6	17.8	42.5	20.6	68.1	51.6	151.1	105.9
6.Gangetic West Bengal	1.7	13.0	23.1	21.1	51.2	25.3	39.6	40.4
7.Orissa	0.0	15.1	38.0	24.1	24.6	23.0	61.0	27.0
8.Bihar Plateau	1.7	19.2	49.9	24.8	68.3	21.7	24.7	23.2
9.Bihar Plains	1.8	16.8	17.8	13.8	26.0	10.9	43.2	15.2
10.Uttar Pradesh East	5.8	20.1	5.4	15.1	14.5	9.8	9.2	5.2
11.Plains of Uttar Pradesh West	6.2	22.7	6.1	17.7	23.7	13.4	10.7	7.0
12.Hills of Uttar Pradesh West	26.4	63.4	79.1	66.1	145.1	66.4	42.9	41.6
13.Haryana,Chandigarh & Delhi	2.6	27.9	19.9	25.0	33.9	19.6	5.0	8.8
14.Punjab	4.4	24.7	21.8	24.3	54.1	31.5	3.5	11.8
15.Himachal Pradesh	49.5	124.3	167.0	116.9	462.0	123.1	25.6	83.7
16.Jammu & Kashmir	81.1	98.1	149.3	159.0	385.5	150.8	37.1	117.0
17.Rajasthan West	2.7	4.2	1.2	4.9	8.7	7.5	2.8	2.8
18.Rajasthan East	2.3	7.0	1.0	5.4	7.7	7.4	10.2	2.3
19.Madhya Pradesh West	6.6	13.2	4.7	6.6	2.5	8.7	4.2	3.8
20.Madhya Pradesh East	6.8	20.0	20.7	20.2	12.3	20.2	15.8	14.8
21.Gujarat Region,Daman, Dadra & N.Haveli	0.0	2.0	0.0	1.4	0.0	3.7	9.8	1.6
22.Saurashtra,Kutch & Diu	0.0	1.2	0.0	1.5	0.0	4.0	3.8	1.3
23.Konkan & Goa	0.0	1.0	0.0	0.9	0.0	0.4	5.7	3.7
24.Madhya Maharashtra	0.0	3.0	0.3	1.8	0.0	3.9	23.8	13.1
25.Marathwada	0.0	6.3	0.0	3.7	0.6	10.8	9.5	15.9
26.Vidarbha	0.0	11.2	13.0	9.7	8.3	17.8	12.0	13.5
27.Coastal Andhra Pradesh	7.6	7.9	8.2	8.4	3.2	9.2	32.7	14.3
28.Telangana	0.0	5.1	11.0	7.6	3.5	11.7	24.2	22.9
29.Rayalseema	1.8	9.1	1.1	5.0	16.1	6.5	49.9	19.9
30.Tamil Nadu and Pondicherry	1.9	34.2	4.3	12.6	24.7	18.9	82.2	43.5
31.Coastal Karnataka	0.0	1.7	0.0	1.3	0.0	3.1	16.1	23.1
32.North Interior Karnataka	0.0	3.0	1.5	4.0	1.6	8.7	48.2	29.9
33.South Interior Karnataka	0.0	4.0	5.4	5.8	8.6	10.2	74.5	46.5
34.Kerala	0.0	17.5	18.2	21.2	45.1	42.7	162.4	122.1
35.Lakshadweep (5)	0.5	25.3	7.0	13.7	9.9	11.9	37.9	34.7

Source: India Meteorological Department,  
Ministry of Science and Technology

(1) Figures are based on observatory data.

(2) Refers to sub-divisional set up as on 1976.

(3) Meteorological sub-division "Bay Islands" has been re-named "Andaman and Nicobar Islands" with effect from June, 1977.

(4) This sub-division includes Sikkim with effect from 1976.

(5) Meteorological sub-division "Arabian Sea Islands" has been re-named "Lakshadweep" with effect from November, 1974.



## RAINFALL

Table 13-MONTHLY AND ANNUAL RAINFALL 1988(1)-contd.  
(by meteorological sub-divisions)

(millimetres)

Sub-division(2)	Monthly rainfall							
	May		June		July		August	
	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal
1	10	11	12	13	14	15	16	17
1.Andaman and Nicobar Islands (3)	426.5	406.5	322.0	468.5	464.7	397.7	340.6	394.5
2.Arunachal Pradesh	1,128.1	447.3	372.9	693.5	1,424.3	1,004.1	2,361.3	816.9
3.Assam and Meghalaya	527.8	324.1	284.7	453.7	563.5	406.7	609.7	344.5
4.Nagaland,Mizoram,Manipur and Tripura	515.6	248.1	351.7	411.3	384.1	341.6	302.3	311.8
5.Sub-Himalayan,West Bengal & Sikkim (4)	221.8	287.0	320.5	551.7	839.9	626.0	860.0	522.2
6.Gangetic West Bengal	106.1	99.0	584.0	252.2	323.7	305.4	307.4	303.4
7.Orissa	47.4	55.8	288.6	205.6	262.7	333.8	255.7	326.4
8.Bihar Plateau	24.1	54.1	368.3	191.3	303.8	336.0	269.5	330.0
9.Bihar Plains	44.5	49.1	177.7	180.6	336.5	303.1	396.6	305.1
10.East Uttar Pradesh	9.7	17.1	124.6	96.9	329.3	302.9	338.1	305.7
11.Plains of Uttar Pradesh West	7.7	14.2	134.3	76.8	367.2	264.5	387.5	276.1
12.Hills of Uttar Pradesh West	47.9	55.4	198.5	181.6	493.0	454.7	451.6	459.9
13.Haryana,Chandigarh & Delhi	6.4	14.3	96.9	54.0	388.8	201.8	334.0	209.7
14.Punjab	6.8	17.2	55.8	50.2	395.3	221.6	235.7	223.6
15.Himachal Pradesh	37.1	82.0	93.6	105.3	526.0	393.8	420.8	381.1
16.Jammu & Kashmir	44.2	77.5	74.2	57.0	327.5	163.4	94.3	148.8
17.Rajasthan West	1.0	10.3	37.6	26.1	100.0	100.2	92.0	109.7
18.Rajasthan East	3.4	10.6	90.5	54.0	254.8	227.9	209.3	233.4
19.Madhya Pradesh West	7.8	8.9	163.6	114.2	306.5	326.2	270.0	305.0
20.Madhya Pradesh East	7.8	8.9	163.6	114.2	306.5	326.2	348.8	389.2
21.Gujarat Region,Daman, Dadra & N.Haveli	20.3	19.3	243.8	165.1	305.3	401.1	210.6	213.9
22.Saurashtra,Kutch & Diu	0.0	4.9	57.3	108.9	585.7	323.5	115.7	120.6
23.Konkan & Goa	0.8	36.5	479.0	659.9	1,245.1	994.9	598.1	599.5
24.Madhya Maharashtra	14.1	35.5	90.4	98.3	232.1	186.8	232.1	186.8
25.Marathwada	8.6	22.9	192.7	138.5	310.3	195.4	325.7	177.1
26.Vidarbha	4.7	15.5	164.7	166.0	467.9	334.2	302.6	276.7
27.Coastal Andhra Pradesh	39.3	47.5	48.9	99.0	286.9	162.9	241.1	148.5
28.Telangana	9.0	32.2	113.8	135.2	508.6	249.7	279.9	207.0
29.Rayalaseema	80.6	50.3	30.7	67.6	203.3	94.0	237.5	109.3
30.Tamil Nadu and Pondicherry	45.8	60.2	27.5	42.8	85.2	63.1	143.2	91.6
31.Coastal Karnataka	44.5	179.6	1,264.9	971.1	1,066.8	1,135.6	816.9	654.5
32.North Interior Karnataka	27.6	57.1	103.5	109.8	211.9	191.0	317.3	136.7
33.South Interior Karnataka	77.7	106.5	54.7	120.3	240.2	211.3	239.1	155.4
34.Kerala	138.0	277.0	586.6	574.8	507.8	593.5	373.3	324.9
35.Lakshadweep (5)	129.9	140.9	311.0	307.4	248.3	280.0	261.0	191.8

For footnotes, refer to page 39 ante.

## RAINFALL

Table 13-MONTHLY AND ANNUAL RAINFALL 1988(1)-concl'd.  
(by meteorological sub-divisions)

(millimetres)

Sub-division(2)	Monthly rainfall								Annual rainfall Total	
	September		October		November		December		Actual	Normal
	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal		
1	18	19	20	21	22	23	24	25	26	27
1.Andaman and Nicobar Islands (3)	527.6	434.7	236.5	335.6	483.8	250.9	91.7	198.0	3,073.5	3,142.2
2.Arunachal Pradesh	658.3	473.6	666.5	190.6	38.2	25.2	11.1	14.5	7,417.9	4,196.8
3.Assam and Meghalaya	289.6	255.5	151.9	120.1	69.8	22.5	10.5	9.2	2,829.9	2,230.1
4.Nagaland,Mizoram,Manipur and Tripura	201.5	229.7	223.5	169.4	68.4	33.0	9.5	8.3	2,323.3	2,013.8
5.Sub-Himalayan,West Bengal & Sikkim (4)	471.6	420.8	41.8	148.9	18.5	15.0	5.3	4.3	3,043.7	2,771.8
6.Gangetic West Bengal	229.0	248.8	110.4	133.7	36.6	25.3	0.1	3.7	1,812.9	1,471.3
7.Orissa	275.3	259.1	65.3	146.9	3.5	39.6	0.5	4.9	1,322.6	1,461.3
8.Bihar Plateau	158.7	224.2	57.4	81.8	4.4	13.3	1.4	5.0	1,332.2	1,324.6
9.Bihar Plains	155.3	225.5	30.8	64.5	0.8	7.7	14.1	2.6	1,245.1	1,194.9
10.Uttar Pradesh East	95.9	201.3	44.6	55.2	0.0	4.9	14.5	6.5	991.6	1,040.7
11.Plains of Uttar Pradesh West	116.3	161.5	14.9	36.3	0.1	4.3	15.7	8.6	1,090.4	903.1
12.Hills of Uttar Pradesh West	176.6	267.3	13.4	60.5	1.6	10.4	71.0	26.5	1,747.1	1,753.8
13.Haryana,Chandigarh & Delhi	290.3	141.2	0.0	25.9	0.3	4.1	27.4	11.6	1,205.5	743.9
14.Punjab	540.8	123.6	1.9	27.1	0.1	6.5	35.7	11.6	1,355.9	773.7
15.Himachal Pradesh	366.7	193.7	2.2	69.6	5.4	22.3	162.2	34.8	2,318.1	1,730.6
16.Jammu & Kashmir	242.1	87.8	1.9	46.3	5.6	25.5	74.9	62.0	1,417.7	1,193.2
17.Rajasthan West	49.6	54.5	3.5	6.5	0.0	2.2	0.5	3.5	299.6	332.4
18.Rajasthan East	100.6	122.8	15.9	16.8	0.0	3.3	0.5	4.3	696.2	695.2
19.Madhya Pradesh West	132.4	195.0	48.7	31.3	0.9	14.9	0.0	7.8	947.9	1,035.6
20.Madhya Pradesh East	157.1	225.0	23.6	54.4	0.7	12.0	3.8	8.5	1,159.0	1,349.8
21.Gujarat Region,Daman, Dadra & N.Haveli	131.9	146.0	7.6	18.7	0.0	5.9	0.0	2.4	1,002.9	832.9
22.Saurashtra,Kutch & Diu	150.6	80.2	2.3	18.4	0.0	7.4	0.0	2.4	831.9	580.7
23.Konkan & Goa	608.7	322.7	90.0	91.4	0.2	23.0	0.0	12.1	3,027.6	2,746.0
24.Madhya Maharashtra	325.6	135.6	18.4	70.4	1.1	26.5	8.2	8.6	838.4	710.7
25.Marathwada	456.2	186.2	10.0	48.0	7.4	21.2	3.1	14.8	1,324.1	840.8
26.Vidarbha	284.0	202.3	105.5	48.0	20.1	14.6	0.9	13.5	1,383.7	1,123.0
27.Coastal Andhra Pradesh	224.8	156.4	65.6	201.8	24.0	105.5	53.0	23.0	1,035.3	984.1
28.Telangana	292.8	198.8	32.7	82.1	0.0	20.0	25.4	7.3	1,300.9	978.9
29.Rayalaseema	170.2	139.9	73.2	116.9	38.8	75.7	21.5	25.6	924.7	719.8
30.Tamil Nadu and Pondicherry	131.7	97.1	85.8	204.0	210.9	225.5	40.1	116.9	883.3	1,010.4
31.Coastal Karnataka	517.9	331.2	182.1	176.5	0.8	62.6	0.1	20.4	3,910.1	3,560.7
32.North Interior Karnataka	239.4	154.2	13.9	101.6	0.0	31.2	24.4	7.5	989.3	834.7
33.South Interior Karnataka	215.9	142.3	33.6	162.0	14.0	61.4	25.5	14.5	989.2	1,040.2
34.Kerala	462.0	228.3	71.4	292.6	83.5	153.3	35.5	48.0	2,483.8	2,695.9
35.Lakshadweep (5)	197.8	161.1	23.6	162.7	68.6	102.0	8.6	69.0	1,295.1	1,500.5

For footnotes, refer to page 39 ante.

## RAINFALL

Table 14-ANNUAL RAINFALL  
(by meteorological sub-divisions)

(millimetres)

Sub-division(2)	Actual annual rainfall						
	1976	1981	1984	1985 (a)	1986 (a)	1987 (a)	1988 (a)
1	2	3	4	5	6	7	8
1.Andaman and Nicobar Islands (3)	3,175.1 (a)	2793.3 (a)	2,692.6 (a)	2,563.5	2,202.3	2,478.2	3,073.5
2.Arunachal Pradesh	2,941.0 (a)	3,791.4 (a)	4,767.6 (a)	3,903.5	3,065.1	5,985.3	7,417.9
3.Assam and Meghalaya	2,366.4 (a)	2,177.3 (a)	2,515.4 (a)	2,374.0	1,991.9	2,729.9	2,829.9
4.Nagaland,Mizoram,Manipur and Tripura	2,093.5 (a)	1,686.5 (a)	1,910.0 (a)	1,869.8	2,051.9	1,818.1	2,323.3
5.Sub-Himalayan,West Bengal & Sikkim (4)	1,540.6	2,651.6 (a)	3,123.5 (a)	2,788.4	2,260.4	3,350.7	3,043.7
6.Gangetic West Bengal	1,004.7	2,019.3 (a)	1,655.5 (a)	1,522.1	1,923.1	1,700.5	1,812.9
7.Orissa	1,245.5 (a)	1,319.0 (a)	1,388.1 (a)	1,654.4	1,720.3	1,103.3	1,322.6
8.Bihar Plateau	1,235.4 (a)	1,375.8 (a)	1,541.2 (a)	1,237.2	1,283.8	1,287.0	1,332.2
9.Bihar Plains	1,308.5 (a)	1,271.5 (a)	1,496.1 (a)	1,422.8	1,304.0	1,815.2	1,245.1
10.Uttar Pradesh East	870.9 (a)	1,059.7 (a)	1,173.1 (a)	1,272.2	944.4	771.4	991.6
11.Plains of Uttar Pradesh West	650.4 (a)	739.0 (a)	944.9 (a)	1,024.9	775.3	572.5	1,090.4
12.Hills of Uttar Pradesh West	1,030.5 (a)	1,362.3 (a)	1,559.4 (a)	1,975.4	1,755.0	1,378.2	1,747.1
13.Haryana,Chandigarh & Delhi	776.5	475.9	466.5	716.8	520.1	375.6	1,205.5
14.Punjab	764.3	532.8 (a)	726.2 (a)	660.4	660.3	383.3	1,355.9
15.Himachal Pradesh	1,256.1	1,488.3 (a)	1,172.1 (a)	1,722.2	1,545.4	1,262.6	2,318.1
16.Jammu & Kashmir	668.5 (a)	609.7 (a)	871.7 (a)	976.7	1,320.4	1,123.8	1,417.7
17.Rajasthan West	515.6	259.8	262.0 (a)	253.9	246.6	173.0	299.6
18.Rajasthan East	860.1	684.4	578.1 (a)	642.2	604.6	411.7	696.2
19.Madhya Pradesh West	1,049.8	931.3 (a)	905.0 (a)	1,129.1	979.5	867.0	947.9
20.Madhya Pradesh East	1,180.7	1,128.6 (a)	1,247.5 (a)	1,342.7	1,257.6	1,180.5	1,159.0
21.Gujarat Region,Daman, Dadra & N.Haveli	1,781.3	1,220.4 (a)	751.0 (a)	537.7	407.2	347.0	1,002.9
22.Saurashtra,Kutch & Diu	639.8	679.1 (a)	477.5 (a)	325.7	326.0	116.2	831.9
23.Konkan & Goa	3,021.9	3,041.8 (a)	2,403.2 (a)	3,102.2	1,780.7	2,858.9	3,027.6
24.Madhya Maharashtra	995.6	920.3 (a)	626.4 (a)	504.5	517.8	659.5	838.4
25.Marathwada	618.3	939.1 (a)	545.9 (a)	553.1	640.9	836.1	1,324.1
26.Vidarbha	928.8	1,187.7 (a)	736.2 (a)	900.1	1,173.8	842.7	1,383.7
27.Coastal Andhra Pradesh	1,146.2	980.2 (a)	690.6 (a)	983.4	1,003.8	1,105.0	1,035.3
28.Telangana	1,043.9	1,129.1 (a)	730.5 (a)	726.6	983.7	1,009.1	1,300.9
29.Rayalaseema	645.3	769.4 (a)	604.9 (a)	607.9	542.9	897.9	924.7
30.Tamil Nadu and Pondicherry	881.4	1,086.5 (a)	1,113.7 (a)	1,169.6	840.3	935.7	883.3
31.Coastal Karnataka	3,158.4	3,482.8 (a)	2,983.3 (a)	3,026.0	2,812.8	2,936.4	3,910.1
32.North Interior Karnataka	584.1	954.1 (a)	691.4 (a)	655.8	706.6	862.3	989.3
33.South Interior Karnataka	875.6	787.5 (a)	693.5 (a)	466.3	780.0	828.3	989.2
34.Kerala	2,073.0	3,037.6 (a)	2,349.5 (a)	2,460.8	2,091.4	2,237.8	2,483.8
35.Lakshadweep (5)	1,492.0 (a)	1,539.7 (a)	1,431.5 (a)	1,073.9	1,310.1	1,212.8	1,295.1

Source: India Meteorological Department,  
Ministry of Science & Technology

For footnotes (2),(3),(4) &amp; (5) refer to page 39 ante.

(a) Figures are based on observatory data.

Note: For previous years' data i.e 1951 to 1971 which is according to old classification of sub-divisions, please refer to 1985 and earlier issues of the publication.

## AGRICULTURE

This section contains tables regarding pattern of land utilisation, area, production and yield per hectare of principal crops in India. The section also contains a table on index number of agricultural production and on agricultural implements and machinery. The source for these data is the Ministry of Agriculture which, however, collects primary data from individual State authorities.

Table 15

### REPORTED AREA

This table presents data regarding area classified by categories of land utilisation which are explained below:

Reported Area is the area for which information on 'land use by classification of area' is available. Generally land utilisation figures are based on the returns prepared by the village staff for revenue purposes.

Area under 'forests' includes area actually forested or lands classed or administered as forests under any legal enactment dealing with forests whether State-owned or private and whether wooded or maintained as potential forest land. The area of crops raised in the forests and grazing lands open for grazing within the forests are also included under the forest area.

Figures of forest area shown in the table are taken from 'Indian Agricultural Statistics', brought out annually by the Directorate of Economics and Statistics, Ministry of Agriculture. The figures in this table do not tally with corresponding figures of area given in forest section for the following reasons:

(a) Differences in periods covered : The period of preparation of two sets of figures differ. These figures based on Agricultural Statistics Returns generally relate to the Agricultural Year (July- June) where as the forest area presented in the forest section relates to the financial Year (April- March).

(b) Diversity in the meaning attached to the term "Area Under Forests" in the Indian Forests Statistics Returns, the whole area including non-wooded area under the control of Forests Deptt., is taken as area under forest while in Agricultural Statistics Returns, it is classified according to its utilisation.

(c) Differences in coverage : Forest Deptt. reports are expected to cover all forest areas in the States but Agricultural Statistics relate only to the reporting areas.

Area not available for cultivation is the land which is absolutely barren or uncultivable or covered by buildings, water, roads, railways, mountains, deserts or otherwise appropriated for non-agricultural purposes.

Other uncultivated land excluding current fallows, include the following categories:

(i) Permanent pastures and other grazing lands which cover all grazing lands whether they are permanent pastures and meadows or not and village common grazing lands.

(ii) Land under miscellaneous trees crops and groves not included in the net area sown which includes all cultivable land, not included under area sown but put to some agricultural use. Land under casuarina trees and others groves for fuel, etc. which are not included under orchards, are also included in this category.

(iii) Culturable Waste land which includes all lands available for cultivation but not taken up for cultivation or taken up for cultivation once but not cultivated during the year and the last five years or more in succession.

Fallow land implies all lands which were taken up for cultivation but are temporarily out of cultivation for a period of not less than one year and not more than five years. "Fallow land" has been split up into (i) "current fallow land"; and (ii) "other fallow land". Lands lying fallow for a period of one year, are included under "current fallows", those lying fallow for more than one year but less than five years, are included under "other fallow land" while those fallow beyond a period of five years, are included under "culturable wastes" or under "miscellaneous tree crops and groves" (not included under net area sown) as the case may be.

Net area sown, area sown more than once and total cropped area:- In computing the aggregate net area sown, area sown more than once has been counted only once. However, while calculating the total cropped area, if different crops are raised in a year on a given land, the same area is accounted more than once.

Tables 16 and 17

Figures are given for area and yield of 31 principal crops in tables 16 and 17 respectively. Regular all India forecasts are issued in regard to most of these crops viz., all food grains, oilseeds, fibres, potatoes, sugarcane, ginger, black pepper, chillies and tobacco. The estimates of area and production of coffee, tea and rubber are based on special returns received from the State Governments in connection with the all-India publications on these crops. For some recent years, however, in the absence of necessary data, from the State Govts., figures as available from Coffee Board, Tea Board & Rubber Board have been provisionally adopted.

The data relate to crop year ending June unless otherwise stated. Figures for the latest year are the final forecasts while those for the year 1986-87 are partially revised estimates as issued from time to time along with final forecasts. Figures for earlier years are fully revised estimates.

Table 18

This table presents data regarding average yields of principal crops in quintals per hectare. Average yields per hectare of principal crops have been obtained by dividing the total production by the corresponding total area under each crop. All India and State average yield per hectare has generally been calculated on the basis of area and production figures rounded up to hundreds in the case of forecast crops. In the case of tea, coffee, rubber and minor crops average yield has been calculated on the basis of area and production figures upto the unit place. In the case of coffee yields per hectare relate to plucked area and in the case of rubber to tapped area.

Table 19

This table shows the index of agricultural production in India on base : Crop years-triennium ending 1969-70=100. The index covers 42 crops divided into two main groups and 8 sub-groups. Weights have been assigned to different crop indices in proportion to the total value of production of each crop during the base periods. The output has been evaluated at annual harvest prices prevailing during the year. In a few cases where reliable harvest prices were not available, average wholesale prices during the post harvest period have been used with appropriate adjustment. Weights allotted to each crop are mentioned in the table. During recent years a number of additional crops have been covered under the system of crop estimation. The coverage of the all India series has thus been enlarged by including these additional crops viz., fruits and vegetables, turmeric & arecanuts, guar seed etc. These 42 crops now account for nearly 96% of total gross cropped area in the country.

The change over during the last decade or so from the traditional method of reporting area and production of crops to the method of complete enumeration in the case of area and to crop estimation survey for estimation of yield rates and also increase in reporting area, have taken place progressively in respect of different crops in different states. To provide for these changes in coverage and methods of estimation, the index numbers of agricultural production are constructed by the chain-base method under which the production of a crop during a year is expressed as a relative to that of the corresponding production in the preceding year, based on the same coverage and methods of estimation. These relatives for each crop are linked to the base year through the intervening chain relatives to give the production index for the crop.

The application of chain-base method involves two assumptions which are:

- (i) The variation in production in the non-reporting areas is the same as that in the reporting areas in the aggregate; and
- (ii) the relative variation in the figures of production based on crop-estimation surveys is the same as that based on the traditional method of crop estimation employing eye-appraisal and normal yield figures.

The practical implications of (ii) above are that for the transitional year, that is, when the method of estimation undergoes a change the estimates of production should be available on the basis of both the traditional method and the crop-estimation surveys.

$$\begin{aligned} \text{Index of Agricultural Production} &= \frac{\sum (a_{ij}) y_{ij} p_{io}}{\sum (a_{io}) y_{io} p_{io}} \times 100 \\ \text{or} &= \frac{\sum (p_{ij}) p_{io}}{\sum (p_{io}) p_{io}} \times 100 \end{aligned}$$

where  $a_{ij}$  = area under the  $i^{\text{th}}$  crop in the  $j^{\text{th}}$  year.

$a_{io}$  = area under the  $i^{\text{th}}$  crop in the base period.

$y_{ij}$  = yield per hectare of the  $i^{\text{th}}$  crop in the  $j^{\text{th}}$  year

$y_{io}$  = yield per hectare of the  $i^{\text{th}}$  crop in the base period.

$p_{io}$  = price per unit of the  $i^{\text{th}}$  crop in the base period.

$p_{ij}$  = production of the  $i^{\text{th}}$  crop in the  $j^{\text{th}}$  year.

$p_{io}$  = production of the  $i^{\text{th}}$  crop in the base period.

Table 20

This table gives an account of agricultural implements and machinery in actual use as recorded in the quinquennial livestock censuses. Statewise details are also given for the livestock census year 1982.

## 3. AGRICULTURE

Table 15- PATTERN OF LAND UTILISATION

('000 hectares)

Year/State	Total Reported area (according to village papers) for land utilisation purposes	Classification of reported area				
		Forests	Not available for cultivation	Permanent pastures & other grazing lands	Land under misc. tree crops & groves (not included in net area sown)	Culturable waste land
1	2	3	4	5	6	7
1950-51	284,315	40,482	47,517	6,675	19,828	22,943
1955-56	291,917	51,343	48,396	11,473	5,885	21,537
1960-61	298,458	54,052	50,751	13,966	4,459	19,212
1965-66	305,535	61,543	49,497	14,810	4,076	16,965
1970-71	303,758	63,917	44,640	13,262	4,298	17,500
1975-76	304,339	66,895	39,469	12,623	3,979	17,364
1980-81	304,167	67,421	39,619	12,008	3,494	16,728
1983-84	304,194	67,326	40,356	11,974	3,465	15,451
1984-85	304,309	66,391	40,695	12,002	3,569	15,881
1985-86	304,580	66,748	40,643	11,977	3,545	15,720
State:						
Andhra Pradesh	27,440	5,836	4,517	881	264	865
Assam(1)	7,852	1,984	2,455	184	247	104
Bihar	17,330	2,923	2,984	158	235	397
Gujarat(2)	18,825	1,893	3,709	847	4	1,978
Haryana	4,391	165	392	28	2	28
Himachal Pradesh	3,227	885 (e)	380	1,153	41	128
Jammu & Kashmir	4,505 (b,c)	2,747 (f)	571	126	72	164
Karnataka	19,050	3,057	1,962	1,164	342	469
Kerala	3,885	1,081	362	4	50	126
Madhya Pradesh	44,210	14,029	4,557	2,807	143	1,688
Maharashtra(3)	30,758	5,343	2,770	1,558	195	1,027
Manipur(4)	2,211	602	1,445 (g)	(g)	24	(g)
Meghalaya(5)	2,249	812	316	17	145	454
Nagaland	1,388	572	28	-	190	62
Orissa	15,540	5,955	1,055	618	619	403
Punjab	5,033	221	517	4	4	39
Rajasthan	34,237	2,228	4,338	1,840	34	5,988
Sikkim (7)	710	257	270	69	5	1
Tamil Nadu	12,987	2,066	2,351	148	193	295
Tripura(5)	1,048	606	130	(g)	51	1
Uttar Pradesh (3)	29,852 (d)	5,126	3,899	352	560	1,119
West Bengal(2)	8,846	1,091	1,631	7	57	176
Union Territory:						
A. & N. Islands	790	688	17	5	26	9
Arunachal Pradesh(2)	5,486	5,150	55	-	35	47
Chandigarh (1)	11	1	8	-	(a)	(a)
D. & N. Haveli	49	20	3	1	-	(a)
Delhi	147	2	71	1	1	3
Goa, Daman & Diu	371	105	37	1	1	79
Lakshadweep(2)	3	-	(a)	-	-	-
Mizoram(6)	2,102	1,303	211	4	3	74
Pondicherry	47	-	12	-	2	1

Source: Directorate of Economics and Statistics,  
Ministry of Agriculture

(1) Relates to the year 1981-82.

(2) Relates to the year 1983-84 except total cropped area in case of West Bengal.

(3) Relates to the year 1984-85 except net &amp; gross irrigated area in case of Maharashtra state.

(4) Ad-hoc estimates, except total cropped area.

(5) Relates to the year 1980-81. (6) Relates to the year 1974-75.

(7) Relates to the year 1984-85 except area shown (net &amp; gross) and irrigated area (net &amp; gross) in case Sikkim State.

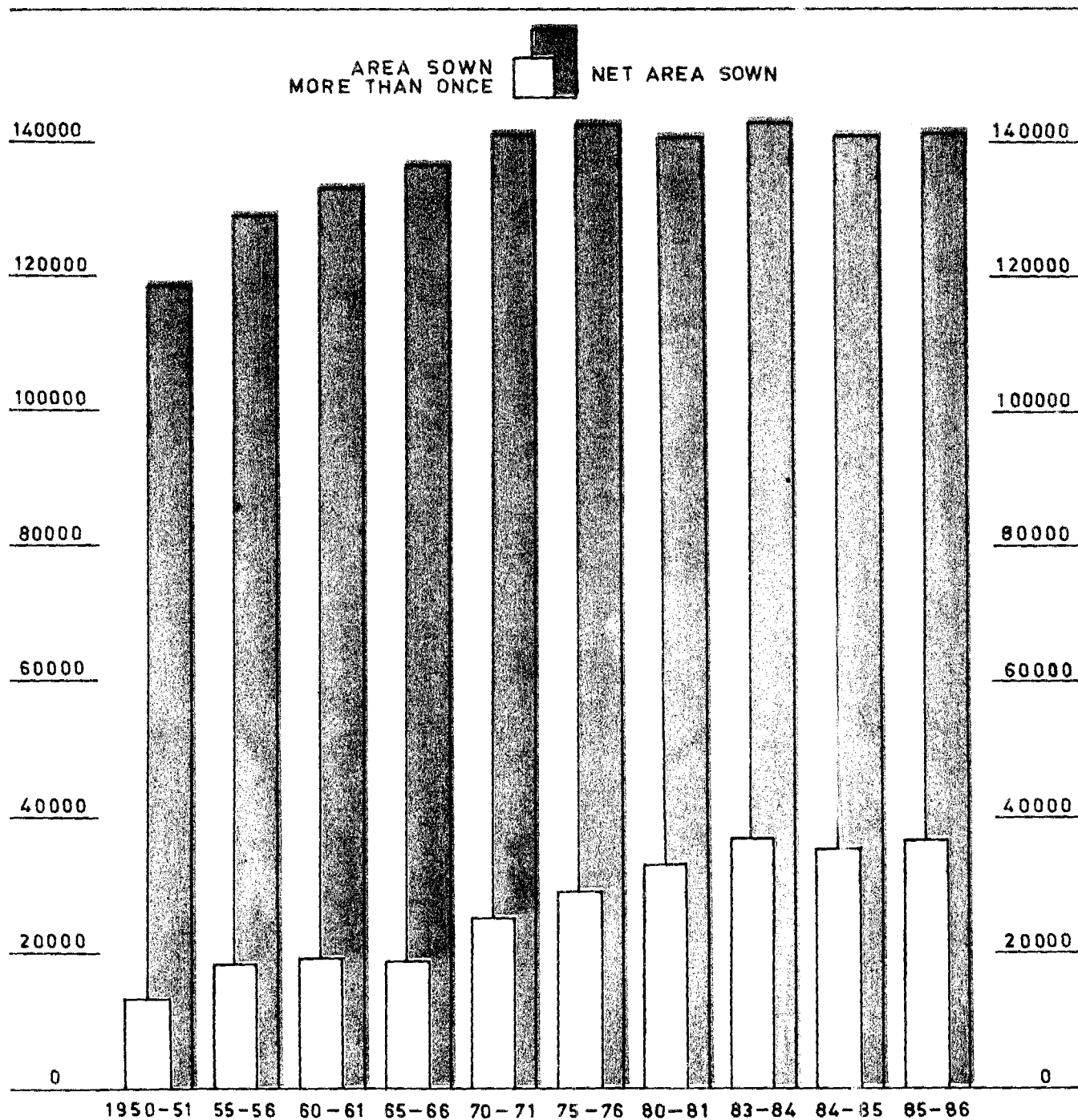
(a) Below 500 hectares. (b) Excludes area under the unlawful occupation of China and Pakistan. (c) Area under forests in Jammu &amp; Kashmir declined during 1984-85 &amp; 1985-86 as compared to 1981-82 as reported by the State Chief Conservator of Forests.

This has also resulted in decline of reporting area for the State/All India during the years 1984-85 &amp; 1985-86.

For other foot-notes please see next page.

# AREA SOWN

THOUSAND HECTARES





## 3. AGRICULTURE

Table 15- PATTERN OF LAND UTILISATION-contd.

('000 hectares)

Classification of reported area -contd.					
Year/State	Fallow land		Net area sown	Area sown more than once	Total cropped area
	Fallow lands other than current fallows	Current fallows			
1	8	9	10	11	12
1950-51	17,445	10,679	118,746	13,147	131,893
1955-56	12,544	11,583	129,156	18,155	147,311
1960-61	11,180	11,639	133,199	19,573	152,772
1965-66	9,262	13,184	136,198	19,078	155,276
1970-71	8,759	10,598	140,784	25,007	165,791
1975-76	9,527	12,458	142,224	28,771	170,995
1980-81	9,817	14,810	140,270	33,054	173,324
1983-84	9,181	13,695	142,746	37,419	180,165
1984-85	9,513	15,358	140,900	35,518	176,418
1985-86	9,957	14,926	141,064	36,270	177,334
1985-86					
State:					
Andhra Pradesh	1,492	3,158	10,427	1,673	12,100
Assam(1)	84	88	2,706	1,088	3,794 (*)
Bihar	1,016	1,918	7,699	2,818	10,517
Gujarat(2)	57	720	9,617	66	9,683 (*)
Haryana	-	168	3,613	19,88(*)	5,601
Himachal Pradesh	13	44	583	391	974
Jammu & Kashmir	7	86	732	298	1,030
Karnataka	466	1,418	10,172	974	11,146
Kerala	28	43	2,191	675	2,866
Madhya Pradesh	853	720	10,413	3,603	23,016
Maharashtra(3)	831	849	18,185	2,352	20,537 (*)
Manipur(4)	-	(a)	140	43	183 (*)
Meghalaya(5)	261	51	193	19	212 (*)
Nagaland	257	95	184	13	197
Orissa	349	218	6,323	2,936	9,259
Punjab	(a)	51	4,197	2,961	7,158
Rajasthan	2,228	2,017	15,564	2,573	18,137
Sikkim (7)	9	4	95	39	134
Tamil Nadu	766	1,469	5,699	1,120	6,819
Tripura(5)	2	2	256	167	423
Uttar Pradesh(3)	820	1,138	17,248	7,733	24,981 (*)
West Bengal(6)	86	457	5,341	2,646	7,987
Union Territory:					
A. & N. Islands	3	1	41	1	42
Arunachal Pradesh(2)	58	23	118	31	149 (*)
Chandigarh(1)	(a)	-	2	2	4
D. & N. Haveli	(a)	(a)	25	1	26
Delhi	11	2	56	25	81
Goa, Daman & Diu	(#)	(#)	148	10	158
Lakshadweep(2)	-	-	3	(a)	3
Mizoram(6)	259	183	65	6	71 (*)
Pondicherry	1	3	28	18	46

(d) Reporting area is more than the geographical area in case of U.P. and these variations are under verification. (e) As per the existing village records. The figures of forest area reported by the Chief Conservator of forests is 1300 thousand hectares. The large variations between the two sets of figures are under examination. (f) Includes forest area reported by the Chief Conservator of forests of the State. (g) Included under the head 'Land under misc. tree crops. and groves etc.'

(\*) Forecast data has been utilised in estimating gross cropped area.

(@) Adjusted.

(#) Not available separately, included under culturable waste.

For other footnotes please see pre-page.

## 3. AGRICULTURE

Table 16-AREA UNDER PRINCIPAL CROPS

('000 hectares)

Year/State	Foodgrains (cereals)								Total cereals (Cols. 2 to 9)	Foodgrains (pulses)		
	Rice	Jowar	Bajra	Maize	Ragi	Small millets	Wheat	Barley		Gram	Tur	Other Pulses
1	2	3	4	5	6	7	8	9	10	11	12	13
1950-51	30,810	15,571	9,023	3,159	2,203	4,605	9,746	3,113	78,230	7,570	2,181	9,340
1955-56	31,521	17,362	11,338	3,696	2,307	5,335	12,367	3,418	87,344	9,779	2,287	11,150
1960-61	34,128	18,412	11,469	4,407	2,515	4,955	12,927	3,205	92,018	9,276	2,433	11,854
1965-66	35,470	17,679	11,965	4,799	2,696	4,564	12,572	2,640	92,385	8,015	2,556	12,147
1970-71	37,592	17,374	12,913	5,852	2,472	4,783	18,241	2,555	101,782	7,839	2,655	12,040
1975-76	39,475	16,092	11,571	6,031	2,630	4,672	20,454	2,802	103,727	8,320	2,671	13,463
1980-81	40,152	15,809	11,657	6,005	2,525	3,976	22,279	1,807	104,210	6,584	2,842	13,031
1985-86	41,095	16,095	10,649	5,791	2,397	3,296	23,094	1,369	103,786	7,807	3,193	13,389
1986-87	41,167	15,948	11,266	5,923	2,405	2,975	23,131	1,225	104,039	6,984	3,148	13,024
1987-88	38,319	15,648	8,692	5,542	2,290	2,901	22,604	1,148	97,147	5,806	3,292	12,461
1987-88												
State:												
Andhra Pradesh	3,123	..	..	296	..	..	12	..	..	..	..	..
Assam	2,336	..	..	18	..	..	98	..	..	..	..	..
Bihar	5,079	..	..	650	..	..	1,935	..	..	..	..	..
Gujarat	346	..	..	275	..	..	192	..	..	..	..	..
Haryana	462	..	..	39	..	..	1,731	..	..	..	..	..
Himachal Pradesh	90	..	..	293	..	..	375	..	..	..	..	..
Jammu & Kashmir	263	..	..	293	..	..	238	..	..	..	..	..
Karnataka	1,051	..	..	212	..	..	262	..	..	..	..	..
Kerala	604	..	..	-	..	..	-	..	..	..	..	..
Madhya Pradesh	4,713	..	..	835	..	..	3,549	..	..	..	..	..
Maharashtra	1,370	..	..	97	..	..	732	..	..	..	..	..
Manipur	166	..	..	3	..	..	-	..	..	..	..	..
Meghalaya	108	..	..	19	..	..	5	..	..	..	..	..
Nagaland	122	..	..	22	..	..	-	..	..	..	..	..
Orissa	4,046	..	..	163	..	..	46	..	..	..	..	..
Punjab	1,717	..	..	234	..	..	3,126	..	..	..	..	..
Rajasthan	96	..	..	801	..	..	1,534	..	..	..	..	..
Sikkim	16	..	..	40	..	..	11	..	..	..	..	..
Tamil Nadu	2,012	..	..	20	..	..	(a)	..	..	..	..	..
Tripura	271	..	..	-	..	..	3	..	..	..	..	..
Uttar Pradesh	4,585	..	..	1,142	..	..	8,340	..	..	..	..	..
West Bengal	5,476	..	..	55	..	..	374	..	..	..	..	..
Union Territory:												
A. & N. Islands	12	..	..	-	..	..	-	..	..	..	..	..
Arunachal Pradesh	116	..	..	30	..	..	2	..	..	..	..	..
D. & N. Haveli	11	..	..	-	..	..	(a)	..	..	..	..	..
Delhi	1	..	..	-	..	..	41	..	..	..	..	..
Goa, Daman & Diu	54	..	..	-	..	..	-	..	..	..	..	..
Mizoram	48	..	..	4	..	..	-	..	..	..	..	..
Pondicherry	24	..	..	-	..	..	-	..	..	..	..	..

Source: Directorate of Economics and Statistics,  
Ministry of Agriculture

Note: Totals may not tally due to rounding off of figures.

## 3. AGRICULTURE

Table 16-AREA UNDER PRINCIPAL CROPS-contd.

('000 hectares)

Year/State	Total Food grains (Cols. 10 to 13)	Oilseeds					Total (Cols. 15 to 19)	Cotton	Jute	Mesta	Tea(1)
	Ground- nuts	Sesa- mum	Rapeseed and mustard	Linseed	Castor seed						
	14	15	16	17	18	19					
1950-51	97,321	4,494	2,204	2,071	1,403	555	10,727	5,882	571	..	316
1955-56	110,560	5,133	2,293	2,556	1,529	574	12,085	8,086	704	231	320
1960-61	115,581	6,463	2,169	2,883	1,789	466	13,770	7,610	629	274	331
1965-66	115,103	7,698	2,509	2,913	1,723	405	15,248	7,962	758	352	342
1970-71	124,316	7,326	2,433	3,323	1,897	439	15,418	7,605	749	330	354
1975-76	128,181	7,222	2,170	3,339	2,119	375	15,225	7,350	585	330	363
1980-81	126,667	6,801	2,472	4,113	1,673	498	15,557	7,823	941	359	382
1985-86	128,175	7,094	1,997	3,255	1,311	637	14,294	7,529	1,149	350	400
1986-87	127,194	6,982	2,164	3,719	1,155	578	14,598	6,948	803	265	411(P)
1987-88	118,706	6,735	2,097	4,508	1,151	452	14,943	6,470	698	262	..
1987-88 State:											
Andhra Pradesh	..	1,784	155	2	7	278	2,226	568	-	68	..
Assam	..	-	15	338	9	2	364	3	98	9	..
Bihar	..	6	17	82	76	1	182	(a)	132	27	..
Gujarat	..	1,050	87	183	-	68	1,388	719	-	-	..
Haryana	..	5	3	328	(a)	-	336	417	-	-	..
Himachal Pradesh	..	1	8	8	5	-	22	(a)	-	-	..
Jammu & Kashmir	..	(a)	9	38	1	-	48	(a)	-	-	..
Karnataka	..	1,090	162	4	40	34	1,330	490	-	25	..
Kerala	..	10	13	-	-	-	23	6	-	-	..
Madhya Pradesh	..	250	202	357	480	2	1,291	517	-	5	..
Maharashtra	..	654	256	4	219	5	1,138	2,518	-	59	..
Manipur	..	-	(a)	2	-	-	2	(a)	-	-	..
Meghalaya	..	-	1	7	-	-	8	7	5	5	..
Nagaland	..	1	1	6	-	-	8	-	(a)	-	..
Orissa	..	383	265	143	38	34	863	3	31	39	..
Punjab	..	31	11	208	1	-	251	620	-	-	..
Rajasthan	..	227	212	1,373	41	2	1,855	344	-	(a)	..
Sikkim	..	-	-	7	-	-	7	-	-	-	..
Tamil Nadu	..	1,100	137	1	-	27	1,265	238	-	(a)	..
Tripura	..	2	3	5	-	-	10	1	3	10	..
Uttar Pradesh	..	116	370	1,019	214	(a)	1,719	17	5	-	..
West Bengal	..	18	166	380	19	(a)	583	(a)	424	15	..
Union Territory:											
A. & N. Islands	..	-	-	-	-	-	-	-	-	-	..
Arunachal Pradesh	..	-	1	12	-	-	13	(a)	(a)	-	..
D. & N. Haveli	..	-	-	-	-	-	-	-	-	-	..
Delhi	..	-	-	3	-	-	3	-	-	-	..
Goa, Daman & Diu	..	-	-	-	-	-	-	-	-	-	..
Mizoram	..	-	2	-	-	-	2	1	1	-	..
Pondicherry	..	3	(a)	-	-	-	3	(a)	(a)	-	..

(1) Data relate to financial year, upto 1979 and thereafter on Calendar Year basis.

(a) 500 hectares and less.

Note: Totals may not tally due to rounding off of figures.

## 3. AGRICULTURE

Table 16- AREA UNDER PRINCIPAL CROPS-concl'd.

('000 hectares)

Year/State	Coffee	Natural Rubber (Tapped area)	Banana	Sugar cane	Tobacco	Potato	Black Pepper	Chill- ies (dry)	Ginger (dry)	Coconut	Tur- meric
1	25	26	27	28	29	30	31	32	33	34	35
1950-51	92	56	140	1,707	357	240	80	592	17	622	55
1955-56	103	67	157	1,847	410	280	89	604	16	647	49
1960-61	120	70	163	2,415	401	375	103	667	19	717	40
1965-66	130	113	211	2,836	377	479	102	634	23	884	68
1970-71	136	141	225	2,615	447	482	107	783	22	1,046	81
1975-76	172	178	225	2,762	368	622	112	740	27	1,070	72
1980-81	210	194	291	2,667	452	729	109	835	41	1,083	102
1985-86	241	223	311	2,961	396	815	124	898	63	1,226	108
1986-87	242	237	300	3,079	389	832	133	835	53	1,231	110
1987-88	..	249	290	3,287	324	885	158	738	54	1,429	108
1987-88 State:											
Andhra Pradesh	..	-	22	150	121	1	-	162	* 3	49	31
Assam	..	(a)	32	43	3	54	-	11	-	9	9
Bihar	..	-	11	120	15	144	-	10	1	-	4
Gujarat	..	-	9	82	82	9	-	7	(a)	-	-
Haryana	..	-	-	142	(a)	10	-	5	(a)	-	-
Himachal Pradesh	..	-	-	3	(a)	14	-	2	2	-	-
Jammu & Kashmir	..	-	-	(a)	(a)	2	-	1	-	-	-
Karnataka	..	6	18	168	38	18	3	125	3	212	3
Kerala	..	230	53	8	(a)	-	155	1	15	865	3
Madhya Pradesh	..	-	12	66	1	29	-	47	3	-	-
Maharashtra	..	(a)	53	292	11	12	-	141	1	8	6
Manipur	..	(a)	2	3	-	2	-	6	(a)	-	-
Meghalaya	..	(a)	5	(a)	1	19	-	2	6	-	1
Nagaland	..	(a)	-	3	-	1	-	(a)	(a)	-	-
Orissa	..	-	19	42	14	10	-	86	8	27	24
Punjab	..	-	-	104	-	28	-	5	-	-	-
Rajasthan	..	-	-	27	2	2	-	22	(a)	-	(a)
Sikkim	..	-	-	-	-	5	-	-	3	-	-
Tamil Nadu	..	12	44	207	7	8	1	38	1	184	16
Tripura	..	(a)	4	2	1	3	-	2	1	6	1
Uttar Pradesh	..	-	1	1,807	14	332	-	20	1	-	(a)
West Bengal	..	-	-	11	14	180	-	44	5	19	7
Union Territory:											
A. & N. Islands	..	1	1	(a)	-	-	-	-	-	23	-
Arunachal Pradesh	..	-	1	-	(a)	3	-	1	1	-	(a)
D. & N. Haveli	..	-	-	-	-	-	-	-	-	-	-
Delhi	..	-	-	(a)	-	(a)	-	(a)	-	-	-
Goa, Daman & Diu	..	(a)	-	2	-	-	-	-	-	23	-
Lakshadweep	..	-	(a)	-	-	-	-	-	-	3	-
Mizoram	..	(a)	1	1	1	(a)	-	2	1	-	-
Pondicherry	..	-	(a)	4	-	-	(a)	(a)	-	2	-

(a) 500 hectares and less.

Note: Totals may not tally due to rounding off of figures.

## 3. AGRICULTURE

Table 17-PRODUCTION OF PRINCIPAL CROPS

('000 tonnes)

Year/State	Foodgrains (cereals)								Total cere-als (Cols. 2 to 9)	Foodgrains (pulses)		
	Rice(1)	Jowar	Bajra	Maize	Ragi	Small millets	Wheat	Barley		Gram	Tur	Other Pulses
1	2	3	4	5	6	7	8	9	10	11	12	13
1950-51	20,576	5,495	2,595	1,729	1,429	1,750	6,462	2,378	42,414	3,651	1,719	3,041
1955-56	27,557	6,726	3,428	2,602	1,846	2,070	8,760	2,816	55,805	5,418	1,861	3,766
1960-61	34,574	9,814	3,283	4,080	1,838	1,909	10,997	2,819	69,314	6,250	2,066	4,388
1965-66	30,589	7,581	3,752	4,823	1,327	1,555	10,394	2,382	62,403	4,224	1,733	3,987
1970-71	42,225	8,105	8,029	7,486	2,155	1,988	23,832	2,784	96,604	5,199	1,883	4,736
1975-76	48,740	9,504	5,736	7,256	2,797	1,924	28,846	3,192	107,995	5,879	2,099	5,061
1980-81	53,631	10,431	5,343	6,957	2,420	1,574	36,313	2,293	118,962	4,328	1,958	4,341
1985-86	63,825	10,197	3,664	6,644	2,518	1,217	47,052	1,962	137,079	5,788	2,441	5,132
1986-87	60,557	9,185	4,512	7,593	2,708	1,162	44,323	1,669	131,711	4,532	2,272	4,904
1987-88	56,434	11,847	3,282	5,629	2,325	1,169	45,096	1,593	127,374	3,622	2,234	5,184
1987-88												
State:												
Andhra Pradesh	7,069	..	..	485	..	..	4	..	..	..	..	..
Assam	2,716	..	..	11	..	..	106	..	..	..	..	..
Bihar	4,610	..	..	709	..	..	2,777	..	..	..	..	..
Gujarat	279	..	..	93	..	..	351	..	..	..	..	..
Haryana	1,073	..	..	33	..	..	4,861	..	..	..	..	..
Himachal Pradesh	76	..	..	406	..	..	351	..	..	..	..	..
Jammu & Kashmir	421	..	..	298	..	..	212	..	..	..	..	..
Karnataka	1,909	..	..	517	..	..	134	..	..	..	..	..
Kerala	1,039	..	..	-	..	..	-	..	..	..	..	..
Madhya Pradesh	4,100	..	..	863	..	..	4,329	..	..	..	..	..
Maharashtra	1,713	..	..	120	..	..	633	..	..	..	..	..
Manipur	313	..	..	10	..	..	-	..	..	..	..	..
Meghalaya	99	..	..	20	..	..	7	..	..	..	..	..
Nagaland	86	..	..	10	..	..	-	..	..	..	..	..
Orissa	3,481	..	..	169	..	..	81	..	..	..	..	..
Punjab	5,431	..	..	366	..	..	11,866	..	..	..	..	..
Rajasthan	79	..	..	299	..	..	2,910	..	..	..	..	..
Sikkim	19	..	..	50	..	..	18	..	..	..	..	..
Tamil Nadu	5,604	..	..	32	..	..	(a)	..	..	..	..	..
Tripura	433	..	..	-	..	..	5	..	..	..	..	..
Uttar Pradesh	6,221	..	..	999	..	..	16,463	..	..	..	..	..
West Bengal	9,272	..	..	102	..	..	674	..	..	..	..	..
Union Territory:												
A. & N. Islands	28	..	..	-	..	..	-	..	..	..	..	..
Arunachal Pradesh	125	..	..	35	..	..	7	..	..	..	..	..
D. & N. Haveli	19	..	..	-	..	..	(a)	..	..	..	..	..
Daman & Diu	2	..	..	-	..	..	-	..	..	..	..	..
Delhi	5	..	..	-	..	..	107	..	..	..	..	..
Goa, Daman & Diu	111	..	..	-	..	..	-	..	..	..	..	..
Mizoram	49	..	..	4	..	..	-	..	..	..	..	..
Pondicherry	52	..	..	-	..	..	-	..	..	..	..	..

Source: Directorate of Economics and Statistics,  
Ministry of Agriculture

(1) Data relate to cleaned rice.

(a) 500 tonnes and less.

Note: Totals may not tally due to rounding off of figures.

## 3. AGRICULTURE

Table 17-PRODUCTION OF PRINCIPAL CROPS-contd.

('000 tonnes)

Year/State	Total Food grains (Cols. 10 to 13)	Oilseeds					Total (Cols. 15-19)	Cotton  '000 Bales(3)	Jute  Bales(3)	Mesta
	Ground- nuts(2)	Sesamum	Rapeseed and mustard	Linseed	Castor seed					
1	14	15	16	17	18	19	20	21	22	23
1950-51	50,825	3,481	445	762	367	103	5,158	3,044	3,309	..
1955-56	66,850	3,862	467	860	420	125	5,734	4,181	4,232	1,162
1960-61	82,018	4,812	318	1,347	398	107	6,982	5,604	4,134	1,129
1965-66	72,347	4,263	424	1,298	331	80	6,396	4,852	4,476	1,302
1970-71	108,422	6,111	562	1,976	474	136	9,259	4,763	4,938	1,255
1975-76	121,034	6,755	479	1,936	598	143	9,911	5,950	4,440	1,474
1980-81	129,589	5,005	446	2,304	423	204	8,382	7,010	6,508	1,652
1985-86	150,440	5,121	501	2,680	376	308	8,986	8,727	10,886	1,766
1986-87	143,418	5,875	448	2,605	317	230	9,718	6,905	7,353	1,273
1987-88	138,414	5,673	562	3,370	372	185	10,162	6,432	5,800	982
1987-88										
State:										
Andhra Pradesh	..	1,798	21	1	1	58	1,879	512	-	305
Assam	..	-	8	168	4	1	181	1	882	44
Bihar	..	5	6	61	35	(a)	107	2	882	166
Gujarat	..	140	4	184	-	70	398	295	-	-
Haryana	..	3	1	329	(a)	-	333	690	-	-
Himachal Pradesh	..	(a)	1	1	1	-	3	(b)	-	-
Jammu & Kashmir	..	1	3	34	1	-	39	(b)	-	-
Karnataka	..	924	70	(a)	11	24	1,029	576	-	43
Kerala	..	5	3	-	-	-	8	8	-	-
Madhya Pradesh	..	230	42	254	153	1	680	286	-	9
Maharashtra	..	618	65	1	56	2	742	1,482	-	89
Manipur	..	-	(a)	3	-	-	3	2	-	-
Meghalaya	..	-	1	4	-	-	5	4	37	23
Nagaland	..	1	1	5	-	-	7	-	1	-
Orissa	..	542	130	65	16	20	773	5	286	193
Punjab	..	22	4	209	1	-	236	1,856	-	-
Rajasthan	..	112	6	1,032	17	1	1,168	218	-	(a)
Sikkim	..	-	-	6	-	-	6	-	-	-
Tamil Nadu	..	1,259	42	(a)	-	8	1,309	468	-	1
Tripura	..	1	1	3	-	-	5	1	22	66
Uttar Pradesh	..	71	13	663	72	(a)	819	18	52	-
West Bengal	..	24	139	334	5	(a)	502	1	3,638	43
Union Territory:										
A. & N. Islands	..	-	-	-	-	-	-	-	-	-
Arunachal Pradesh	..	-	(a)	14	-	-	14	3	-	-
D. & N. Haveli	..	-	-	-	-	-	-	-	-	-
Delhi	..	-	-	(a)	-	-	-	-	-	-
Goa, Daman & Diu	..	-	-	-	-	-	-	-	-	-
Mizoram	..	-	2	-	-	-	2	2	-	-
Pondicherry	..	5	(a)	-	-	-	5	2	-	-

(2) Data relate to nuts in shell.

(3) Production of cotton is in bales of 170 kgs. each and Jute &amp; Mesta in bales of 180 kgs. each.

(a) 500 tonnes and less.

(b) 500 bales and less.

## 3. AGRICULTURE

Table 17-PRODUCTION OF PRINCIPAL CROPS-concl'd.

('000 tonnes)

Year/State	Tea (4)	Coffee	Natu- ral Rubber	Bana- nas	Sugar cane (5)	Toba- cco	Pota- to	Black Pep- per	Chill- ies (dry)	Ginger (dry)	Coco- nut (6)	Turm- eric
1	24	25	26	27	28	29	30	31	32	33	34	35
1950-51	278	18.9	15.8	2,065	57,051	261	1,660	21	351	15	358	152
1955-56	308	35.0	23.7	1,938	60,543	303	1,859	28	361	16	423	149
1960-61	321	68.2	25.7	2,212	110,001	307	2,719	28	419	18	464	93
1965-66	366	63.9	50.5	3,271	123,990	293	4,076	23	364	22	504	128
1970-71	419	110.2	92.2	2,897	126,368	362	4,807	24	520	30	608	151
1975-76	487	84.0	137.8	3,222	140,604	350	7,306	26	434	45	583	135
1980-81	570	118.6	153.1	4,354	154,248	481	9,668	30	509	82	572	217
1985-86	656	122.3	200.5	5,390	170,648	441	10,423	34	877	138	677	367
1986-87	621	192.0	219.5	5,714	186,090	462	12,740	31	629	136	638	320
1987-88	..	..	235.2	4,767	196,723	359	14,138	49	575	135	756	275
1987-88												
State:												
Andhra Pradesh	..	..	-	270	10,286	120	7	-	261	9	48	115
Assam	..	..	(a)	412	1,823	2	329	-	7	-	8	6
Bihar	..	..	-	68	4,546	19	1,532	-	9	1	-	6
Gujarat	..	..	-	513	6,078	122	198	-	7	(a)	-	-
Haryana	..	..	-	-	5,240	(a)	154	-	5	(a)	-	-
Himachal Pradesh	..	..	-	-	20	(a)	25	-	(a)	(a)	-	-
Jammu & Kashmir	..	..	-	-	12	-	6	-	(a)	-	-	-
Karnataka	..	..	5.2	95	14,464	27	195	1	37	3	109	18
Kerala	..	..	216.6	362	422	1	-	48	1	43	367	6
Madhya Pradesh	..	..	-	304	2,339	(a)	327	-	11	3	-	(a)
Maharashtra	..	..	(a)	1,335	24,984	10	60	-	71	1	9	7
Manipur	..	..	(a)	29	72	-	21	-	4	1	-	-
Meghalaya	..	..	(a)	58	(a)	(a)	145	-	1	30	-	2
Nagaland	..	..	-	-	106	-	2	-	(a)	(a)	-	-
Orissa	..	..	-	193	3,024	9	97	-	58	8	11	29
Punjab	..	..	-	-	5,720	-	541	-	5	-	-	-
Rajasthan	..	..	-	-	1,019	2	17	-	21	1	-	(a)
Sikkim	..	..	-	-	-	-	26	-	-	13	-	-
Tamil Nadu	..	..	12.5	1,055	21,824	9	184	(a)	24	1	155	92
Tripura	..	..	(a)	22	72	(a)	47	-	1	1	(a)	2
Uttar Pradesh	..	..	-	14	93,350	20	6,419	-	16	5	-	1
West Bengal	..	..	-	-	692	15	3,783	-	31	7	25	11
Union Territory:												
A. & N. Islands	..	..	0.4	18	1	-	-	-	-	-	8	-
Arunachal Pradesh	..	..	-	7	-	(a)	21	-	1	4	-	(a)
D. & N. Haveli	..	..	-	-	-	-	-	-	-	-	-	-
Delhi	..	..	-	-	(a)	-	1	-	(a)	-	-	-
Goa, Daman & Diu	..	..	(a)	-	80	-	-	-	-	-	11	-
Lakshadweep	..	..	-	3	-	-	-	-	-	-	2	-
Mizoram	..	..	-	8	3	1	1	-	3	4	-	-
Pondicherry	..	..	(a)	3	484	-	-	(a)	(a)	-	2	-

(4) Figures up to 1979 as on 31st March of the year and thereafter as on 31st December of the year.

(5) Data relate to Cane and not Gur.

(6) In crores nuts.

(a) 500 tonnes and less. (E) Estimated.

Note: Totals may not tally due to rounding off of figures.

## 3. AGRICULTURE

Table 18-AVERAGE YIELD OF PRINCIPAL CROPS

(quintals per hectare)

Year/State	Foodgrains										
	Cereals								Pulses		
	Rice	Jowar	Bajra	Maize	Ragi	Small millets	Wheat	Barley	Gram	Tur	Other pulses
1	2	3	4	5	6	7	8	9	10	11	12
1950-51	6.7	3.5	2.9	5.5	6.5	3.8	6.6	7.6	4.8	7.9	3.3
1955-56	8.7	3.9	3.0	7.0	8.0	3.9	7.1	8.2	5.5	8.1	3.4
1960-61	10.1	5.3	2.9	9.3	7.3	3.8	8.5	8.8	6.7	8.5	3.7
1965-66	8.6	4.3	3.1	10.0	4.9	3.4	8.3	9.0	5.3	6.8	3.3
1970-71	11.2	4.7	6.2	12.8	8.7	4.2	13.1	10.9	6.6	7.1	3.9
1975-76	12.4	5.9	5.0	12.0	10.6	4.1	14.1	11.4	7.1	7.9	3.8
1980-81	13.4	6.6	4.6	11.6	9.6	4.0	16.3	12.7	6.6	6.9	3.3
1984-85	14.2	7.2	5.7	14.6	10.6	3.7	18.7	12.4	6.6	8.2	3.8
1985-86	15.5	6.3	3.4	11.5	10.5	3.9	20.5	14.3	7.4	7.7	3.8
1986-87	14.8	5.7	4.0	12.7	11.2	3.6	20.0	13.5	6.6	7.2	3.8
1986-87											
State:											
Andhra Pradesh	19.6	5.6	6.0	14.2	10.2	3.7	6.5	-	4.0	3.0	4.2
Assam	10.4	-	-	6.1	-	@	10.5	-	@	7.3	3.9
Bihar	11.2	@	@	13.8	6.2	6.3	15.6	7.9	8.0	12.7	6.6
Gujarat	8.8	2.8	8.1	13.9	5.4	1.7	21.0	@	6.4	4.6	1.8
Haryana	24.6	2.4	4.5	12.4	-	-	28.4	14.7	6.8	11.8	6.1
Himachal Pradesh	11.1	@	-	18.6	@	2.9	13.0	10.8	@	-	@
Jammu & Kashmir	22.1	@	@	18.0	-	6.4	12.2	@	@	-	6.5
Karnataka	20.0	6.4	4.6	24.7	13.3	4.1	4.8	-	3.8	4.4	3.2
Kerala	17.1	@	-	-	@	@	-	-	-	@	7.0
Madhya Pradesh	8.5	9.0	7.6	9.2	@	1.9	11.9	10.8	6.6	9.6	2.9
Maharashtra	11.5	5.9	2.7	9.3	6.7	5.0	7.3	@	2.7	4.9	3.0
Manipur	14.7	-	-	@	-	-	-	-	-	-	-
Meghalaya	11.9	-	-	13.1	-	@	@	-	@	@	@
Nagaland	6.9	-	-	3.0	-	-	..	-	-	-	@
Orissa	11.0	9.8	@	10.6	7.4	6.4	17.8	-	6.9	6.5	5.2
Punjab	33.3	@	11.7	20.2	-	-	35.0	20.5	7.2	10.0	8.3
Rajasthan	8.8	2.4	1.9	6.6	-	0.4	18.4	14.5	5.8	2.1	0.6
Sikkim	10.8	-	-	12.6	@	-	@	@	-	-	@
Tamil Nadu	27.8	9.4	9.9	14.1	15.5	6.3	@	-	@	7.0	3.4
Tripura	14.0	-	-	-	-	..	@	..	@	@	@
Uttar Pradesh	13.6	7.9	8.9	12.2	10.7	7.5	19.3	14.2	8.6	13.7	6.9
West Bengal	15.7	@	@	30.8	@	@	17.2	9.4	7.2	12.6	5.7
Union Territory:											
A. & N. Islands	23.3	-	-	-	-	-	-	-	-	-	@
Arunachal Pradesh	14.9	-	-	12.1	-	9.4	@	-	-	-	-
D. & N. Haveli	16.7	@	-	-	@	@	@	-	@	@	@
Delhi	@	@	@	@	-	-	29.0	@	@	@	@
Goa, Daman & Diu	16.6	-	@	-	@	-	-	-	-	-	-
Mizoram	9.4	-	-	@	-	-	-	-	-	-	@
Pondicherry	22.0	-	@	-	@	@	-	-	-	-	@

Source: Directorate of Economics and Statistics,  
Ministry of Agriculture

@ Crop being unimportant in this State, average yield has not been calculated.



## 3. AGRICULTURE

Table 18-AVERAGE YIELD OF PRINCIPAL CROPS-contd.

(Quintals per hectare)

Year/State	Oilseeds					Cotton Lint	Jute	Mesta
	Groundnuts (nuts in shells)	Sesamum	Rapeseed & mustard	Linseed	Caster- seed			
1	13	14	15	16	17	18	19	20
1950-51	7.8	2.0	3.7	2.6	1.9	0.9	10.4	-
1955-56	7.5	2.0	3.4	2.8	2.2	0.9	10.8	9.0
1960-61	7.4	1.5	4.7	2.2	2.3	1.2	11.8	7.4
1965-66	5.5	1.7	4.5	1.9	2.0	1.0	10.6	6.6
1970-71	8.3	2.3	5.9	2.5	3.1	1.1	11.9	6.8
1975-76	9.4	2.2	5.8	2.8	3.8	1.4	13.7	8.0
1980-81	7.4	1.8	5.6	2.5	4.1	1.5	12.4	8.3
1984-85	9.0	2.5	7.7	2.8	7.0	2.0	14.1	7.6
1985-86	7.2	2.3	6.7	2.6	4.8	2.0	17.1	9.1
1986-87	8.5	2.0	7.1	2.8	4.1	1.7	16.4	8.5
1986-87								
State:								
Andhra Pradesh	8.6	1.8	@	@	2.0	2.6	-	13.1
Assam	-	@	4.8	@	@	@	17.7	8.0
Bihar	@	@	6.8	4.9	@	@	12.7	12.0
Gujarat	7.1	1.0	12.9	-	6.2	1.4	-	-
Haryana	@	@	7.8	@	-	4.0	-	-
Himachal Pradesh	@	@	@	@	-	@	-	-
Jammu & Kashmir	@	@	10.4	@	-	@	-	-
Karnataka	8.4	3.1	@	2.0	8.2	1.5	-	3.1
Kerala	@	@	-	-	-	@	-	-
Madhya Pradesh	7.4	1.0	6.4	2.7	@	0.8	-	2.8
Maharashtra	6.7	2.3	@	1.8	@	0.6	-	2.8
Manipur	-	@	@	-	-	@	-	-
Meghalaya	-	@	@	-	-	@	13.7	8.6
Nagaland	@	@	@	-	-	-	-	-
Orissa	14.5	4.8	4.7	3.4	5.3	@	16.3	9.0
Punjab	9.8	@	9.2	@	-	5.1	-	-
Rajasthan	6.5	0.2	8.6	3.3	@	3.3	-	@
Sikkim	-	-	@	-	-	-	-	-
Tamil Nadu	10.5	3.0	@	-	@	3.1	-	@
Tripura	@	@	@	-	-	@	13.6	11.2
Uttar Pradesh	9.0	0.4	6.1	3.2	@	1.9	19.6	-
West Bengal	@	7.2	6.0	3.2	-	@	17.2	9.0
Union Territory:								
A. & N. Islands	-	-	-	-	-	-	-	-
Arunachal Pradesh	-	@	@	-	-	@	-	-
D. & N. Haveli	-	-	-	-	-	-	-	-
Delhi	-	-	@	-	-	-	-	-
Goa, Daman & Diu	-	-	-	-	-	-	-	-
Mizoram	-	@	-	-	-	@	-	-
Pondicherry	@	@	-	-	-	@	-	-

@ Crops being unimportant in the state, average yield has not been calculated.

## 3. AGRICULTURE

Table 18-AVERAGE YIELD OF PRINCIPAL CROPS-concl'd.

(quintals per hectare)

Year/State	Tea	Coffee (1)	Rubber	Sugar- cane	Tobacco	Pota- toes	Pepper (black)	Chill- ies (dry)	Ginger (dry)	Turm- eric	Banana
1	21	22	23	24	25	26	27	28	29	30	31
1950-51	8.8	2.0	2.8	334.2	7.3	69.2	2.6	5.9	8.8	27.6	147.5
1955-56	9.6	3.4	3.5	327.8	7.4	66.4	3.2	6.0	10.0	30.4	123.4
1960-61	9.7	5.7	3.6	455.5	7.7	72.5	2.7	6.3	9.5	23.2	135.7
1965-66	10.7	4.9	4.5	437.2	7.8	85.1	2.3	5.7	9.8	18.8	155.3
1970-71	11.8	8.1	6.5	483.2	8.1	99.8	2.2	6.6	13.7	18.7	129.0
1975-76	13.4	6.1	7.7	509.0	9.5	117.4	2.3	5.9	16.6	18.8	143.0
1980-81	14.9	6.2	7.9	578.4	10.6	132.6	2.7	6.1	20.4	21.4	149.5
1984-85	16.1	9.3	8.9	576.7	11.1	148.1	1.7	7.9	25.8	25.4	173.7
1985-86	16.4	5.7(P)	9.0	598.9	11.1	123.6	2.7	9.7	25.8	33.6	177.1
1986-87	..	..	9.3	597.3	12.0	134.2	2.4	9.6	24.2	27.4	163.6
1986-87											
State:											
Andhra Pradesh	..	..	-	651.0	10.8	@	-	16.5	@	41.8	158.4
Assam	..	..	@	455.4	@	60.0	-	@	-	@	127.9
Bihar	..	..	-	322.6	12.0	100.0	-	9.8	@	16.0	57.9
Gujarat	..	..	-	804.3	16.6	230.6	-	8.6	@	-	347.9
Haryana	..	..	-	543.6	@	146.1	-	10.8	-	-	-
Himachal Pradesh	..	..	-	@	@	26.4	-	@	@	-	-
Jammu & Kashmir	..	..	-	@	@	@	-	@	-	-	-
Karnataka	..	..	8.2	810.1	7.9	124.4	@	13.0	@	@	51.9
Kerala	..	..	9.2	541.8	@	-	2.4	@	28.2	@	62.3
Madhya Pradesh	..	..	-	362.0	@	122.2	-	2.0	@	@	194.0
Maharashtra	..	..	@	853.8	@	46.8	-	4.9	@	13.8	254.5
Manipur	..	..	-	@	-	@	-	@	@	-	121.7
Meghalaya	..	..	@	-	@	83.5	-	@	43.6	@	121.9
Nagaland	..	..	-	@	-	61.8	-	@	@	-	-
Orissa	..	..	-	708.5	5.3	98.7	-	7.2	@	11.5	101.2
Punjab	..	..	-	629.9	-	102.2	-	11.5	-	-	-
Rajasthan	..	..	-	440.4	@	@	-	7.8	@	@	-
Sikkim	..	..	-	-	-	@	-	-	@	-	-
Tamil Nadu	..	..	10.7	1,023.2	13.6	197.2	@	6.4	@	54.3	279.6
Tripura	..	..	@	@	@	160.8	-	@	@	@	52.4
Uttar Pradesh	..	..	-	505.0	15.0	194.1	-	7.9	@	@	@
West Bengal	..	..	-	605.9	10.8	204.7	-	6.7	@	@	-
Union Territory:											
A. & N. Islands	..	..	6.6	@	-	-	-	-	-	-	@
Arunachal Pradesh	..	..	-	-	@	@	-	@	@	@	@
D. & N. Haveli	..	..	-	-	-	-	-	-	-	-	-
Delhi	..	..	-	@	-	@	-	@	-	-	-
Goa, Daman & Diu	..	..	@	@	-	-	-	-	-	-	-
Mizoram	..	..	-	@	@	@	-	@	@	@	@
Pondicherry	..	..	-	@	-	-	@	@	-	-	@

(1) Average yield for the year 1950-51 to 1970-71 has been calculated on production of coffee per hectare of total planted area and from 1975-76 onwards on total estimated bearing area.

(@) Crops being unimportant in the State, average yield has not been calculated.

## 3. AGRICULTURE

Table 19- INDEX NUMBER OF AGRICULTURAL PRODUCTION  
(Base:Crops Years Triennium ending 1969-70=100)

Crop/Group	Weight 1950-51	1955-56	1960-61	1965-66	1970-71	1975-76	1980-81	1985-86	1986-87	1987-88	
1	2	3	4	5	6	7	8	9	11	12	13
Rice	33.98	56.3	73.2	88.3	78.1	107.4	124.7	137.2	163.7	155.3	144.7
Jowar	4.86	63.4	68.3	100.4	76.9	82.3	96.3	105.7	103.3	93.1	120.0
Bajra	2.83	56.2	72.6	68.9	78.6	168.2	120.2	111.9	76.8	94.6	68.8
Maize	3.06	40.7	54.2	71.1	83.3	126.1	118.8	113.7	108.0	123.4	91.5
Ragi	1.01	71.8	98.1	99.6	70.4	114.5	148.0	128.1	135.1	143.2	122.9
Small millets	0.81	97.3	115.6	110.7	85.6	109.6	104.6	86.5	66.9	63.8	64.2
Wheat	12.16	37.8	49.2	60.9	57.6	132.1	159.9	201.2	260.6	245.5	249.8
Barley	1.34	87.5	98.2	97.7	82.8	96.6	111.0	79.8	68.2	58.0	55.4
Total-Cereals	60.05	53.8	68.5	82.6	74.2	114.1	128.8	143.1	167.3	160.4	154.3
Gram	3.58	73.3	103.8	119.9	80.9	99.7	112.9	83.2	111.2	87.1	69.6
Tur	1.35	101.9	110.2	117.8	97.4	105.8	117.9	110.0	137.2	127.7	125.6
Other Pulses	3.14	82.3	99.9	101.2	92.1	109.3	116.8	104.0	123.0	117.5	124.2
Total Pulses	8.07	81.6	103.4	112.3	88.0	104.4	115.3	95.8	120.1	105.7	100.2
Total-Foodgrains	68.12	57.1	72.6	86.1	75.8	112.9	127.2	137.5	161.9	154.0	147.9
Groundnut	4.82	64.3	71.3	91.0	82.6	118.4	130.9	97.0	99.3	113.9	110.0
Sesamum	0.62	95.9	98.9	72.9	96.5	128.2	109.1	101.4	113.8	101.7	127.7
Rapeseed & Mustard	1.73	51.4	57.5	90.2	86.9	132.3	129.6	153.8	178.7	173.6	224.7
Linseed	0.43	88.4	97.8	95.9	80.4	114.9	145.0	102.6	91.2	76.8	90.2
Castorseed	0.11	118.2	141.0	120.3	88.0	113.4	119.0	170.2	256.7	191.8	154.0
Coconut	1.87	..	..	84.7	90.4	108.9	104.5	102.6	121.4	114.3	135.6
Total-Oil Seeds@	10.9	66.1	72.9	89.8	85.6	116.1	123.8	113.6	126.7	125.1	137.0
Cotton(lint)	3.01	54.3	75.5	99.2	86.7	85.1	106.2	125.1	155.8	123.3	114.8
Jute	0.81	70.4	89.9	83.2	90.1	99.6	89.5	131.2	219.3	148.1	116.8
Mesta	0.15	59.7	104.4	100.9	118.0	113.7	127.0	142.2	151.6	109.6	84.6
Total-Fibres	4.03	57.8	79.5	96.3	88.5	89.3	103.4	126.3	167.3	127.0	132.8
Tea	1.85	70.1	72.4	81.6	93.1	106.4	123.7	144.7	166.6	158.6	158.6
Coffee	0.24	39.2	68.5	86.1	98.5	170.1	129.6	182.9	188.6	294.5	294.5
Rubber	0.19	20.6	32.2	36.7	69.7	127.1	190.2	211.4	276.8	303.1	303.1
Total-Plantation Crops	2.28	62.7	68.6	78.3	91.7	114.8	129.9	154.3	178.1	184.9	184.9
Pepper(Black)	0.08	95.3	130.0	132.3	107.3	94.6	102.4	127.4	146.9	135.2	212.6
Chillies(Dry)	1.11	82.0	85.5	98.9	84.4	120.6	100.1	117.4	202.5	145.2	132.6
Ginger(Dry)	0.07	73.8	82.6	90.5	113.3	151.9	227.5	315.7	487.9	480.8	479.1
Turmeric	0.31	..	..	80.8	110.4	130.3	93.8	150.5	254.6	221.9	204.5
Total-Condiments & Spices	2.31	83.3	88.2	91.0	92.3	116.2	110.7	137.3	208.8	176.5	172.4
Potato	1.41	42.7	47.0	66.9	95.0	112.0	176.0	231.9	249.7	305.2	338.7
Banana	1.11	..	..	87.6	103.2	91.5	101.6	141.4	169.9	180.1	150.3
Total-Fruits & Vegetables	3.97	42.7	47.9	87.9	87.8	103.4	136.7	164.6	175.8(P)	198.6	202.0
Sugar cane	7.01	58.1	61.3	94.1	105.3	106.4	118.2	129.4	143.1	156.0	165.0
Tobacco	1.14	72.3	83.9	84.5	82.4	101.8	98.4	135.1	123.9	129.7	100.8
Total Non-Foodgrains	31.88	62.0	70.1	88.1	91.3	108.6	120.5	130.5	150.9	149.2	152.5
All Crops	100.00	58.5	71.9	86.7	80.8	111.5	125.1	135.3	158.4	152.5	149.3

Source: Directorate of Economics and Statistics,  
Ministry of Agriculture

@ Includes Groundnut, Sesamum, Rapeseed &amp; Mustard, Castorseed, Linseed, Nigerseed, Safflower, Coconut and Cotton seed.

## 3. AGRICULTURE

Table 20-AGRICULTURAL IMPLEMENTS AND MACHINERY

Year/State	Oil Engine Pumps	Electric Pumps	Wooden ploughs	Iron ploughs	Carts	Sugarcane crushers worked by no.('00)	Four wheeled Tractors no.('00)	Ghanis no. ('oo)	5 Kilo grams or more	Less than 5 kilo grams	
	('000 numbers)				Power	Bullock					
	1	2	3	4	5	6	7	8	9	10	11
1951		83	26	31,796	931	9,862	213	5,047	86	2,426	2,040
1956		123	47	36,142	1,376	10,968	233	5,451	210	963	2,122
1961		230	160	38,372	2,298	12,072	333	5,902	310	777	1,720
1966		471	415	39,923	3,523	12,697	451	6,504	540	741	1,593
1972		1,546	1,618	39,294	5,359	12,960	872	6,808	1,482	398	756
1977		2,359	2,440	41,031	6,516	12,670	1,089	6,683	2,759	393	545
1982(P)		3,101	3,568	40,226	6,628	12,924	1,204	6,836	5,188	..	..
1982 State:											
Andhra Pradesh		251	438	3,317	247	1,418	78	196	215	..	..
Assam		1	(a)	1,528	19	116	32	88	3	..	..
Bihar		264	111	4,445	158	755	59	363	146	..	..
Gujarat		392	172	1,310	464	759	15	38	282	..	..
Haryana		100	157	550	190	342	33	85	614	..	..
Himachal Pradesh		1	1	529	95	3	4	30	9	..	..
Jammu & Kashmir		(a)	(a)	700	91	1	(b)	10	8	..	..
Karnataka		70	235	2,596	801	838	49	119	205	..	..
Kerala		24	74	229	47	8	1	1	13	..	..
Madhya Pradesh		139	267	5,208	300	2,366	50	187	236	..	..
Maharashtra		139	449	1,927	660	1,494	72	26	215	..	..
Manipur		(a)	(b)	218	17	34	-	11	2	..	..
Meghalaya		..	..	..	..	..	..	..	(b)	..	..
Nagaland		..	..	..	..	..	..	..	..	..	..
Orissa		11	6	3,044	107	707	2	144	12	..	..
Punjab		448	215	581	107	327	295	758	1,065	..	..
Rajasthan		226	206	2,637	277	1,008	3	246	547	..	..
Sikkim		..	..	..	..	..	..	..	..	..	..
Tamil Nadu		205	945	3,251	596	580	105	110	144	..	..
Tripura		(a)	(b)	110	7	(a)	11	3	(b)	..	..
Uttar Pradesh		822	279	7,952	2,434	2,156	395	4,419	1,422	..	..
West Bengal		-	-	..	..	-	..	..	20	..	..
Union Territory:										..	..
A. & N. Islands		(a)	(b)	5	(a)	(b)	(b)	1	(b)	..	..
Arunachal Pradesh		(a)	-	25	(a)	1	-	1	-	..	..
Chandigarh		(a)	(a)	(a)	2	(a)	(b)	(b)	1	..	..
D. & N. Haveli		(b)	(a)	12	(a)	2	(b)	-	(b)	..	..
Delhi		2	8	6	2	4	(b)	(b)	25	..	..
Goa, Daman & Diu		1	1	32	5	2	(b)	(b)	1	..	..
Lakshadweep		(b)	(b)	..	..	..	..	..	-	..	..
Mizoram		..	..	..	..	..	..	..	..	..	..
Pondicherry		(a)	4	13	1	4	-	(b)	3	..	..

Source: Directorate of Economics and Statistics,  
Ministry of Agriculture

(a) 500 and less.

(b) Below 50.

Note: Totals may not tally due to rounding off of figures.

## LIVESTOCK AND FISHERIES

This section contains tables regarding livestock and fisheries. Data regarding the number of livestock and poultry, besides agricultural implements (shown separately under Agriculture), are collected through a census conducted quinquennially. In the rural areas, primary data are collected through the village revenue agencies where they exist and through other local staff, where they do not. In the urban areas, staff of the municipal or notified area committee collect the information. The data are compiled by the Department of Agriculture, Animal husbandry or Land revenue, as the case may be, in the different States and consolidated returns showing district wise details are furnished to the Directorate of Economics and Statistics, Ministry of Agriculture. The 13th Livestock Census was conducted in different States with 15th April, 1982 as the reference date. While some of the States carried out the Census as per schedule, others had to postpone it due to administrative and organisational difficulties. The States/Union Territories which conducted Census with different reference dates are given below:

State	Date of reference	State	Date of reference	Union Territory	Date of reference
Andhra Pradesh	15.10.83	Meghalaya	15.05.82	D. & N. Haveli	15.06.82
Bihar and Tamil Nadu	15.07.82	Manipur	15.09.84	Delhi	15.01.83
Jammu & Kashmir	15.11.82	Orissa	31.12.82		
Karnataka	15.07.83	Rajasthan	15.04.83		
Madhya Pradesh	15.06.82	Uttar Pradesh	15.08.82		
		West Bengal	01.02.84		

Tables 21 to 22

Table 21 provides data regarding number of livestock by category of livestock. This also shows the number of poultry. Table 22 presents number of male and female cattle and buffaloes used for work only. Working cattle include bulls and cows and working buffaloes include male and female buffaloes over 3 years and kept for work only.

Tables 23 to 24

These tables give the production of milk and estimates of raw wool production in India.

Tables 25 to 26

Table 25 presents data regarding fish catch and landings by groups of species. Table 26 provides data regarding quantity of fish catch by disposition.

## LIVESTOCK AND FISHERIES

Table 21-LIVESTOCK AND POULTRY

('000 numbers)

Year/State	Cattle	Buffaloes	Sheep	Goats	Horses and Ponies	Other live- stock	Total live- stock	Poultry
1	2	3	4	5	6	7	8	9
1951	155,295	43,400	39,052	47,155	1,515	6,367	292,784	73,548
1956	158,669	44,948	39,259	55,449	1,484	6,806	306,615	94,759
1961	175,557	51,211	40,223	60,864	1,327	7,250	336,432	114,253
1966	176,182	52,955	42,015	64,587	1,149	7,223	344,111	115,445
1972	178,341	57,426	39,993	67,518	942	9,118	353,338	138,544
1977	180,140	62,029	40,907	75,620	916	9,914	369,526	160,870
1982	192,453	(b) 69,783 (c)	48,765	(b) 95,255	900	12,432	419,588	(b) 207,739 (b)
1982								
State.								
Andhra Pradesh	13,220	8,704	7,519	5,559	14	840	35,856	32,392
Assam	6,750	558	46	1,729	16	578	9,677	10,491
Bihar	16,213	4,641	1,322	12,221	111	1,072	35,580	14,988
Gujarat	6,994	4,443	2,357	3,300	28	346	17,468	3,572
Haryana	2,342	3,369	758	608	29	456	7,562	2,014
Himachal Pradesh	2,174	616	1,091	1,060	17	32	4,990	461
Jammu & Kashmir	2,325	563	1,909	1,004	97	58	5,956	2,407
Karnataka	11,300	3,648	4,792	4,547	24	370	24,681	12,097
Kerala	3,097	409	7	2,004	(a)	127	5,643	15,083
Madhya Pradesh	27,117	6,435	959	7,572	112	549	42,744	8,383
Maharashtra	16,162	3,972	2,671	7,705	49	363	30,922	19,844
Manipur	747	138	14	42	1	368	1,310	2,861
Meghalaya	550	29	23	186	8	207	1,006	1,419
Nagaland	151	9	(a)	62	(a)	248	470	978
Orissa	12,930	1,333	1,990	4,931	1	418	21,603	10,676
Punjab	3,263	4,590	611	700	106	373	9613(d)	9,657
Rajasthan	13,505	6,043	13,431	15,479	30	1,163	49,651	2,219
Sikkim	173	4	11	96	1	33	318	252
Tamil Nadu	10,365	3,212	5,537	5,246	10	774	25,144	18,284
Tripura	680	---	16	343	2	104	1,150	1,079
Uttar Pradesh	26,152	15,785	2,307	9,686	212	2,596	56,738	6,858
West Bengal	15,657	987	1,365	10,916	22	769	29,716	28,670
Union Territory:								
A. & N. Islands	36	12	-	34	-	96	178	320
Arunachal Pradesh	168	12	20	76	5	302	583	764
Chandigarh	7	19	1	1	(a)	3	31	161
D. & N. Haveli	45	3	1	14	-	-	63	56
Delhi	52	177	3	15	3	25	274	219
Goa, Daman & Diu	132	44	1	28	(a)	73	278	643
Lakshadweep	3	-	-	10	-	-	13	35
Mizoram	49	4	1	28	1	77	160	691
Pondicherry	93	9	9	53	(a)	3	167	165

Source: Directorate of Economics and Statistics,  
Ministry of Agriculture

(a) Below 500.

(b) Includes figures for Arunachal Pradesh (1977 census) and Punjab (projected).  
and Meghalaya for which breakup is not available.

(c) Includes cross breeds &amp; indigenous variety.

(d) There is a difference of 30 thousands in cattle &amp; Buffaloes due to projection in Punjab.

Note: Totals may not tally due to rounding off of figures.

## LIVESTOCK AND FISHERIES

Table 22-CATTLE AND BUFFALOES USED FOR WORK ONLY

('000 numbers)

Year/State	cattle		Buffaloes		Total cattle & buffaloes used for work only
	Male	Female	Male	Female	
1	2	3	4	5	6
1951	58,512	2,313	5,008	550	67,383
1956	62,480	1,833	5,953	420	70,686
1961	68,704	2,150	6,645	487	77,986
1966	69,176	1,983	6,972	386	78,517
1972	70,574	2,074	7,009	369	80,026
1977	71,240	2,047	7,323	339	80,949
1977					
State:					
Andhra Pradesh	4,846	283	1,097	45	6,271
Assam	2,273	77	211	17	2,578
Bihar	7,069	269	688	56	8,082
Gujarat	2,844	4	21	6	2,875
Haryana	936	3	62	3	1,004
Himachal Pradesh	807	1	7	1	816
Jammu & Kashmir	591	1	32	5	629
Karnataka	3,566	358	245	18	4,187
Kerala	354	3	210	5	572
Madhya Pradesh	9,445	183	1,094	6	10,728
Maharashtra	6,066	17	271	14	6,368
Manipur	102	29	9	9	149
Meghalaya	108	12	7	1	128
Nagaland	11	1	1	1	14
Orissa	4,780	92	562	17	5,451
Punjab	1,299	6	184	32	1,521
Rajasthan	3,933	6	154	4	4,097
Sikkim	28	4	-	(a)	32
Tamil Nadu	3,981	608	248	63	4,900
Tripura	210	6	4	1	221
Uttar Pradesh	13,459	10	1,736	22	15,227
West Bengal	4,378	70	464	10	4,922
Union Territory:					
A. & N. Islands	7	1	2	2	12
Arunachal Pradesh	41	2	1	1	45
Chandigarh	1	-	-	-	1
D. & N. Haveli	16	(a)	1	(a)	17
Delhi	14	(a)	1	(a)	15
Goa, Daman & Diu	51	(a)	10	(a)	61
Lakshadweep	-	-	-	-	-
Mizoram	3	-	(a)	(a)	3
Pondicherry	21	1	1	(a)	23

Source: Directorate of Economics and Statistics,  
Ministry of Agriculture

(a) Below 500.

Note: Totals may not tally due to rounding off of figures.

## LIVESTOCK AND FISHERIES

Table 23-PRODUCTION OF MILK

('000 tonnes)

Year/State	Cow Milk	Buffalo Milk	Goat Milk	Total
1	2	3	4	5
1951	7,743	9,184	479	17,046
1956	8,180	10,976	561	19,717
1961	8,753	11,087	535	20,375
1966	6,918	11,879	571	19,368
1971-72(1)	7,085	13,498	588	21,171
1971-72				
State:				
Andhra Pradesh	311	802	12	1,125
Assam	114	32	5	151
Bihar	689	992	66	1,747
Gujarat	462	1,271	53	1,786
Haryana	320	1,177	9	1,506
Himachal Pradesh	98	161	6	265
Jammu & Kashmir	115	115	4	234
Karnataka	354	396	12	762
Kerala	214	58	12	284
Madhya Pradesh	499	630	36	1,165
Maharashtra	289	816	81	1,186
Manipur	3	3	(a)	6
Meghalaya	9	4	(a)	13
Nagaland	2	1	(a)	3
Orissa	257	67	12	336
Punjab	382	1,745	15	2,142
Rajasthan	1,112	1,262	165	2,539
Tamil Nadu	469	445	11	926
Tripura	11	2	1	14
Uttar Pradesh	981	3,262	56	4,299
West Bengal	354	101	30	485
Union Territory:				
A. & N. Islands	1	(a)	(a)	1
Arunachal Pradesh(2)	2	(a)	(a)	2
Chandigarh	1	7	-	8
D. & N. Haveli	(a)	(a)	(a)	1
Delhi	22	140	(a)	162
Goa, Daman & Diu	8	7	(a)	15
Lakshadweep	(a)	-	-	(a)
Mizoram	1	(a)	-	1
Pondicherry	6	2	(a)	8

Source: 1. Central Statistical Organisation  
 2. Directorate of Marketing and Inspection,  
 Ministry of Agriculture

(1) Based on financial year and are provisional.

(2) Based on 1966 Livestock Census.

(a) Less than 500 tonnes.

Note: Totals may not tally due to rounding off of figures.



## LIVESTOCK AND FISHERIES

Table 24-PRODUCTION OF RAW WOOL

(tonnes)

Year/State	From Adult Sheep	From Lambs	Pulled Wool	Total Production
1	2	3	4	5
1951	21,589	1,794	2,287	27,484 (b)
1956	24,036	2,835	2,287	30,972 (b)
1961	25,119	3,335	2,287	32,555 (b)
1966	26,216	4,640	2,287	34,957 (b)
1972(1)	25,372	4,032	2,451	35,169 (a)
1972				
State:				
Andhra Pradesh	2,201	433	250	2,884
Assam	-	-	-	-
Bihar	488	49	10	547
Gujarat	1,742	129	33	3,718 (b)
Haryana	538	89	39	666
Himachal Pradesh	1,283	128	2	1,413
Jammu & Kashmir	830	101	23	954
Karnataka	1,753	532	90	2,375
Kerala	-	-	2	2
Madhya Pradesh	606	73	28	70
Maharashtra	1,235	157	47	1,439
Manipur	-	-	-	-
Meghalaya	-	-	-	-
Nagaland	-	-	-	-
Orissa	2	1	1	4
Punjab	554	130	45	729
Rajasthan	11,099	1,619	200	14,418 (c)
Tamil Nadu	1,062	259	1,375	2,696
Tripura	-	-	-	-
Uttar Pradesh	1,792	281	28	2,101
West Bengal	171	48	233	452
Union Territory:				
A. & N. Islands	-	-	-	-
Arunachal Pradesh	10	2	-	12
Chandigarh	-	-	-	-
D. & N. Haveli	-	-	-	-
Delhi	3	-	45	48
Goa, Daman & Diu	2	-	-	2
Lakshadweep	-	-	-	-
Mizoram	-	-	-	-
Pondicherry	1	1	-	2

Source: Directorate of Marketing and Inspection,  
Ministry of Agriculture

(1) Purely tentative estimates.

(a) Including wool produced from migratory sheep, details for which are not available.

(b) Includes 1,814 tonnes of wool produced from migratory sheep, details for which are not available.

(c) Includes 1,500 tonnes of wool produced from migratory sheep, details for which are not available.

## LIVESTOCK AND FISHERIES

Table 25-FISH CATCH &amp; LANDINGS-BY GROUP OF SPECIES

('000 tonnes)

Year	Fresh Water fish (Inland fish)	Flounder Halibut, Sole etc.	Herring, Sardines, Anchovies, etc.	Tunas, Bonitos, Mackerels etc.	Miscellaneous Marine teleosts	Shark, Rays, Skates, etc.	Crustaceans	Total Catch & Landings
1	2	3	4	5	6	7	8	9
1951	218.0	6.8	143.8	129.8	147.2	29.6	76.8	752.0
1956	293.5	10.5	114.0	56.8	356.1	21.9	159.5	1,012.3
1961	277.4	14.1	244.2	73.3	253.6	33.6	64.8	961.0
1966	477.5	7.4	388.4	90.3	271.8	37.4	94.6	1,367.4
1971	690.2	11.4	334.4	273.6	342.3	41.3	158.4	1,851.6
1975	783.8	13.1	358.5	114.6	656.1	85.9	253.9	2,265.9
1980	887.5	11.3	361.8	173.7	671.2	67.4	269.3	2,442.2
1985	1,090.1	18.2	437.4	180.6	783.1	60.2	254.7	2,824.3
1986	1,205.1	17.9	441.9	156.3	808.6	58.5	233.7	2,922.0
1987(P)	1,212.0	14.7	402.2	171.3	811.2	64.2	217.8	2,893.4

Source: Fisheries Division,  
Department of Agriculture and Cooperation,  
Ministry of Agriculture

Note: Totals may not tally due to rounding off of the figures.

Table 26-DISTRIBUTION OF FISH CATCH

('000 tonnes)

Year	Marketing fresh	Freezing	Canning	Canning	Reduction	Misc. Purposes	Offal for reduction	Total
1	2	3	4	5	6	7	8	9
1951	320.7	-	380.8		49.6	-	-	751.1
1956	432.3	-	513.2		66.8	-	-	1,012.3
1961	460.4	-	419.9	-	80.7	-	-	961.0
1966	963.1	26.2	299.7	7.8	52.8	11.1	6.7	1,367.4
1971	1,222.4	97.9	358.7	13.1	102.9	53.5	3.1	1,851.6
1975	1,564.0	73.0	436.3	4.6	141.5	42.7	3.8	2,265.9
1980	1,591.6	144.6	512.9	5.2	125.5	48.4	14.0	2,442.2
1985	1,843.3	196.4	562.2	9.8	170.0	28.5	14.0	2,824.3
1986	1,966.4	172.6	501.9	4.5	184.6	65.7	26.3	2,922.0
1987(P)	1,957.8	173.6	522.9	4.7	197.4	19.3	17.7	2,893.4

Source: Fisheries Division,  
Department of Agriculture and Cooperation,  
Ministry of Agriculture

Note: Totals may not tally due to rounding off of the figures.

**FOREST**

**T**his section contains tables on area under forest by type, major and minor forest produce and revenue and expenditure and progress of forest regeneration and afforestation.

Table 27

This table presents area under forest classified by types as described below:

(i) Composition, namely coniferous (soft-wood) and non-coniferous (broad leaved). Coniferous forest is one in which 80 per cent or more of the volume is coniferous species and rest non-coniferous species, both hard and soft;

(ii) Functions, namely merchantable and non-merchantable. Forests which are within the reach of economic management or exploitation as sources of forest products including immature forests and managed forests where fellings are prohibited, are known as merchantable forests and forests which are not yet managed or exploited owing to inaccessibility or on account of forest produce in them being unsaleable are known as non-merchantable forest (or inaccessible and unprofitable forests);

(iii) Legal Status such as "reserved", "protected" and "unclassed." Reserved forest is one which is permanently dedicated either to the production of timber or other forest produce and in which right of grazing and cultivation is seldom allowed. In protected forests these rights are allowed subject to a few mild restrictions. Unclassed forests occur mostly in Madhya Pradesh, Assam, Bihar and Maharashtra and consist largely of inaccessible forest or unoccupied waste; and

(iv) Ownership, namely area owned by (a) Forest Department; (b) Civil authorities (c) Corporate bodies; and (d) Private individuals.

Table 28

This table provides data relating to forest produce classified as major and minor produce. The column 'others' under minor produce includes fibres and flosses, vegetable oils and oilseeds, bidi leaves and other minor produce. Figures of quantity along with total value are shown in the case of the major produce and value only in the case of the minor produce.

Table 29

This table gives gross and net revenue from and expenditure on forests.

Table 30

This table provides data relating to area of forest protected from fire and cattle. The figures relating to "total area of all forests under Forest Department" given in this table are inclusive of other forest area which is also controlled by the Forest Department.

Table 31

This table shows the figures relating to area of existing forests regenerated and of area afforested. This also presents the figures of the total cost of regeneration and afforestation.

## FOREST

Table 27- CLASSIFICATION OF TOTAL FOREST AREA

(sq. kilometres)

Year/State	Total forest area	Area by composition		Area by types	
		Coniferous	Non-coniferous	Merchan-table	Unprofitable or inaccess-ible
1	2	3	4	5	6
1951-52	734,441	34,064	700,378	554,910	179,531
1955-56	703,662	25,216	678,445	564,936	138,725
1960-61	689,556	44,351	645,205	529,440	160,116
1965-66	751,984 (a)	46,722	699,050	594,127	151,645
1970-71	747,718 (a)	39,173	699,271	577,407	161,037
1975-76	747,350	47,400	634,100	585,760	161,590
1976-77(P)	750,430 (d)	40,517	692,095	565,976	173,965
1977-78(P)	747,679 (d)	39,953	689,392	565,851	170,823
1978-79(P)	747,413 (d)	47,734	681,343	565,996	170,411
1979-80(P)	736,685 (d)	47,669	670,353	564,931	160,421
1979-80					
State:					
Andhra Pradesh	64,092	-	64,092	50,615	13,477
Assam(2)	28,608	45	28,563	21,390	7,218
Bihar(4)	29,276	-	29,276	29,276	-
Gujarat	19,535	-	19,535	18,347	1,188
Haryana	1,626	23	1,603	1,626	(e)
Himachal Pradesh	21,189	14,533	6,656	9,321	11,868
Jammu & Kashmir	22,605	21,391	495	8,176	13,710
Karnataka	37,866	-	37,866	32,250	5,616
Kerala	11,251	-	11,251	8,997	2,254
Madhya Pradesh	153,592	-	153,592 *	153,161 *	431 *
Maharashtra	64,078	-	64,078	48,597	15,481
Manipur(2)	15,154	588	14,566	15,008	146
Meghalaya(2)	8,229	814	7,415	4,378	3,851
Nagaland	2,861	259	2,602	1,941	920
Orissa	60,224	-	60,224	39,462	20,762
Punjab	2,244	128	2,116	1,112	1,132
Rajasthan	30,657	-	30,657	24,308	6,349
Sikkim(3)	5,450	160	5,290	2,500	2,950
Tamil Nadu	21,791	24	21,767	20,566	1,225
Tripura(4)	5,998	-	5,998	4,822	1,176
Uttar Pradesh	51,199	5,413	35,172	30,876	9,709
West Bengal	11,837	91	11,746	11,380	457 *
Union Territory:					
A. & N. Islands	7,144	-	7,144	7,144	-
Arunachal Pradesh	51,540	4,200	47,340	11,422	40,118
D. & N. Haveli	203	..	..	199	4
Delhi	..	..	..	..	..
Goa, Daman & Diu	1,309	-	1,309	930	379
Mizoram(4)	7,127	..	..	7,127	-

Source: Directorate of Economics and Statistics,  
Ministry of Agriculture

Please see footnotes on next page.

## FOREST

Table 27- CLASSIFICATION OF TOTAL FOREST AREA-Contd.

(sq. kilometres)

Year/State	Area by legal status(1)			Area by ownership			
	Reserved	Protected	Unclassed	Forest Department	Civil authorities	Corporate bodies	Private individuals
1	7	8	9	10	11	12	13
1951-52	344,830	152,017	237,594	679,590 (b)	-	1,831	53,020
1955-56	359,469	168,523	170,241	678,864 (c)	-	572	18,796
1960-61	316,092	240,543	112,129	624,930	27,412	22,924	14,289
1965-66	348,390	249,276	127,744	698,454	17,024	22,903	13,603
1970-71	360,247	212,739	115,139	682,782	24,010	27,957	12,969
1975-76	389,690	231,890	125,770	695,580	19,170	20,060	12,000
1976-77(P)	363,952	236,641	119,030	699,218	18,782	20,219	12,008
1977-78(P)	367,635	236,319	112,402	701,190	17,422	20,316	8,548
1978-79(P)	373,640	232,917	107,964	701,774	17,397	20,316	7,723
1979-80(P)	372,523	225,364	105,579	688,541	19,817	20,239	7,885
1979-80							
State:							
Andhra Pradesh	49,255	13,421	1,416	64,092	-	-	-
Assam(2)	17,571	-	11,037	16,420	2,246	9,942	-
Bihar(4)	5,051	24,174	51	29,232	44	-	-
Gujarat	12,698	1,105	5,732	19,535	-	-	-
Haryana	224	1,268	134	1,271	-	-	355
Himachal Pradesh	1,828	17,547	1,814	19,684	-	36	1,469
Jammu & Kashmir	..	..	..	22,605	-	-	-
Karnataka	27,914	4,343	5,609	33,738	3,694	126	308
Kerala	11,251	-	-	11,251	-	-	-
Madhya Pradesh	78,765	73,092*	1,735*	153,592*	-	-	-
Maharashtra	42,504	15,557	6,017	57,175	5,148	-	1,755
Manipur(2)	1,377	4,171	9,606	15,154	-	-	-
Meghalaya(2)	702	12	7,515	718	-	7,511	-
Naagaland	293	518	2,050	1,016	5	-	1,840
Orissa	25,064	35,142	18	59,550	656	-	18
Punjab	43	850	1,351	1,112	-	-	1,132
Rajasthan	12,787	14,937	2,933	30,657	-	-	-
Sikkim(3)	4,950	400	100	5,350	-	100	-
Tamil Nadu	17,832	3,520	439	21,352	-	-	439
Tripura(4)	3,930	2,068	-	5,998	-	-	-
Uttar Pradesh	34,342	217	6,026	40,585	8,014	2,434	166
West Bengal	7,000	4,260	577*	11,737	10	90	-
Union Territory:							
A. & N. Islands	2,912	4,232	..	7,144	-	-	-
Arunachal Pradesh	11,422	206	39,912	51,393	-	-	147
D. & N. Haveli	199	1	3	..	..	..	..
Delhi	..	..	..	..	..	..	..
Goa, Daman & Diu	1,309	-	-	1,053	-	-	256
Mizoram(4)	1,300	4,323	1,504	7,127	-	-	-

(1) 1960-61 and onwards excludes Jammu &amp; Kashmir as legal classification of forest area not available.

(2),(3)&amp;(4) Relate to the years 1976-77,1977-78 &amp;1978-79 respectively.

(a) Includes 6212sq.kms in 1965-66 and 8556 sq.Kms in 1970-71 for want of legal classification.

(b)&amp; (c) Include 5496 &amp;5429 sq. kms for which details are not available.

(d) Also includes forest area which is not accounted for in subsequent columns (3 to 13) for want of details.

(e) Included under the head Merchantable.

\* Estimated.

## FOREST

Table 28-OUTTURN OF FOREST PRODUCE  
(a) Major Produce

Year/State	Pulp & match wood	Fire wood	Total quantity	Total value (Rs. '000)
	000 cubic metres			
1	2	3	4	5
1951-52	3,982	10,710	14,692	197,601
1955-56	4,158	10,810	14,967	276,882
1960-61	5,426	11,642	17,094(a)	497,408
1965-66	6,935	13,619	20,554	773,540
1970-71	9,655	12,090	21,745	1,080,381
1975-76	10,772	15,122	25,894	2,106,600
1976-77(P)	8,185	12,412	20,597	2,593,107
1977-78(P)	8,303	14,702	23,005	2,984,832
1978-79(P)	7,966	14,304	22,270	3,212,819
1979-80(P)	7,561	13,920	21,481	3,768,147
1979-80				
State:				
Andhra Pradesh	192	2,035	2,227	162,081
Assam(1)	457	895	1,352	64,872
Bihar(3)	380	429	809	94,442
Gujarat	167	199	366	186,567
Haryana	38	178	216	16,019
Himachal Pradesh	464	158	622	231,042
Jammu & Kashmir	587	150	737	447,797
Karnataka	1,183	1,238	2,421	712,167
Kerala	435	363	798	362,386
Madhya Pradesh(3)	1,085	2,289	3,374	213,190
Maharashtra	320	1,466	1,786	319,882
Manipur(1)	19	90	109	1,470
Meghalaya(1)	43	1	44	1,782
Nagaland	33	26	59	3,742
Orissa	469	677	1,146	179,490
Punjab	88	40	128	27,143
Rajasthan	4	209	213	44,944
Sikkim(2)	8	15	23	1,257
Tamil Nadu	12	288	300	186,323
Tripura(3)	39	133	172	7,343
Uttar Pradesh	962	2,359	3,321	344,284
West Bengal	226	477	703	56,817*
Union Territory:				
A. & N. Islands	162	56	218	45,617
Arunachal Pradesh	138	20	158	35,057
D. & N. Haveli	(b)	4	4	581
Delhi				
Goa, Daman & Diu	47	125	172	21,689
Mizoram	3	(b)	3	163

Source: Directorate of Economics and Statistics,  
Ministry of Agriculture

(1),(2) &amp; (3) Relate to the years 1976-77, 1977-78 &amp; 1978-79 respectively.

(a) Includes 25 thousand cubic metres for which details are not available.

(b) Below 500.

\* Estimated.

## Notes:

(i) Pulp &amp; Match wood includes data of Timber and Round wood.

(ii) Fire wood also includes charcoal wood.

## FOREST

Table 28—OUTTURN OF FOREST PRODUCE—contd.  
(b) Minor produce

(Rs. '000)

Year/State	Bamboos and canes	Fodder and grass	Gums and resins	Lac	Drugs and spices(1)	Tanning materials and dye stuffs(2)	Others	Total
1	2	3	4	5	6	7	8	9
1951-52	12,490	15,321	7,468	3,265	720	1,701	29,623	70,588
1955-56	13,678	17,435	10,142	675	554	1,259	36,431	80,174
1960-61	21,699	15,479	20,478	1,636	807	896	50,400	111,395
1965-66	26,695	19,139	30,058	151	1,847	490	105,307	183,687
1970-71	39,455	12,722	58,865	273	247	271	228,160	339,993
1975-76	118,879	31,700	148,480	738	3,073	1,756	542,328	846,934
1976-77(P)	312,669	32,224	137,031	1,660	6,385	3,638	621,226	934,833
1977-78(P)	168,936	31,946	161,979	1,775	5,275	3,202	691,314	1,084,427
1978-79(P)	236,661	23,736	233,921	33	6,470	5,298	778,765	1,288,106
1979-80(P)	222,433	24,976	260,719	47	7,183	10,622	833,976	1,363,373
1979-80								
State:								
Andhra Pradesh	34,976	-	-	-	-	-	54,213	89,189
Assam(3)	1,880	59	-	-	3	-	12,311	14,253
Bihar	13,033	433	60	-	-	-	73,203	86,729
Gujarat	3,509	4,607	269	-	1	43	1,728	10,157
Haryana	232	516	587	-	-	-	279	1,594
Himachal Pradesh	485	1,601	22,938	-	2,342	-	28	27,394
Jammu & Kashmir	640	-	180,000	-	-	-	21,050	201,690
Karnataka	20,427	385	24	-	425	1,078	61,510	83,849
Kerala	..	..	..	..	..	..	5,904	5,904
Madhya Pradesh	92,200	..	..	..	-	..	350,800	443,000
Maharashtra	10,979	3,885	2,866	16	7	895	42,840	61,488
Manipur(4)	46	-	-	-	-	-	872	918
Meghalaya	32	(a)	44	-	50	-	1,031	1,157
Nagaland	4	-	-	-	-	-	1,316	1,320
Orissa	21,092	783	410	31	3,764	322	61,929	88,331
Punjab	101	3,477	649	-	-	-	1,269	5,496
Rajasthan	14,574	892	2,583	-	-	137	23,319	41,505
Sikkim(4)	5	20	-	-	391	-	2,197	2,613
Tamil Nadu	1,721	1,337	-	-	-	8147	60,218	71,423
Tripura	483	152	-	-	-	-	1,093	1,728
Uttar Pradesh	4,904	6,829	50,252	-	200	-	53,826	116,011
West Bengal	..	..	..	..	..	..	..	3,417
Union Territory:								
A. & N. Islands	282	-	57	-	-	-	1,087	1,426
Arunachal Pradesh	729	-	-	-	-	-	1,896	2,625
Goa, Daman & Diu	80	-	-	-	-	-	-	80
Mizoram	19	-	-	-	-	-	57	76

(1) Data for the years 1965-66 onwards relate to 'Drugs' only.

(2) Data for the years 1965-66 onwards relate to 'Tanning materials' only.

(3) &amp; (4) Relate to the years 1976-77 &amp; 1977-78 respectively.

(a) Below Rs. 500.

## FOREST

Table 29-REVENUE FROM AND EXPENDITURE ON FOREST

(Rs.'000)

Year/State	Forest Area (sq.kms.)	Gross Revenue	Expend- iture	Net Revenue (+) Deficit(-)
1	2	3	4	5
1951-52	734,441	255,358	103,111	(+)152,247
1955-56	703,662	310,850	136,487	(+)174,363
1960-61	689,556	576,778	242,768	(+)334,010
1965-66	751,984	836,674	408,416	(+)428,258
1970-71	749,609	1,319,858	711,764	(+)608,094
1975-76	747,350	2,926,995	1,651,740	(+)1,275,255
1976-77*(P)	750,430	3,354,757	1,889,370	(+)1,465,387
1977-78*(P)	747,679	2,474,014	1,426,924	(+)1,047,090
1978-79*(P)	747,201	2,699,918	1,538,453	(+)1,161,465
1979-80** (P)	736,685	2,864,369	1,469,451	(+)1,394,918
1979-80				
State:				
Andhra Pradesh	64,092	267,200	140,214	(+)126,986
Assam	28,608	..	..	..
Bihar	29,276	..	..	..
Gujarat	19,535	121,461	137,566	(-)16,105
Haryana	1,626	26,944	34,975	(-)8,031
Himachal Pradesh	21,189	161,585	130,645	(+)39,040
Jammu & Kashmir	22,605	..	..	..
Karnataka	37,866	352,477	185,273	(+)167,204
Kerala	11,251	440,120	93,917	(+)346,203
Madhya Pradesh	153,592	..	..	..
Maharashtra	64,078	521,953	269,625	(+)252,328
Manipur	15,154	..	..	..
Meghalaya	8,229	..	..	..
Nagaland	2,861	..	..	..
Orissa	60,224	279,701	96,053	(+)183,648
Punjab	2,244	29,001	40,004	(-)11,003
Rajasthan	30,657	65,306	56,852	(+)8,454
Sikkim	5,450	..	..	..
Tamil Nadu	21,791	108,805	115,550	(-)6,745
Tripura	5,998	..	..	..
Uttar Pradesh	51,199	451,791	127,859\$	(+)323,932
West Bengal	11,837	..	..	..
Union Territory:				
A. & N. Islands	7,144	38,025	40,918	(-)2,893
Arunachal Pradesh	51,540	..	..	..
D. & N. Haveli	203	..	..	..
Delhi	..	..	..	..
Goa, Daman & Diu	1,309	..	..	..
Mizoram	7,127	..	..	..

Source: Directorate of Economics and Statistics,  
Ministry of Agriculture

\* Revenue and expenditure figures exclude the states-Assam, Madhya Pradesh, Manipur, Meghalaya, Nagaland, Orissa, Sikkim, West Bengal; and Union Territories-Arunachal Pradesh, D. & N. Haveli, Delhi, Goa, Daman & Diu, and Mizoram for which the data are not available.

\*\* Revenue and expenditure figures exclude the states-Assam, Bihar, Jammu & Kashmir, Madhya Pradesh, Manipur, Meghalaya, Nagaland, Sikkim, Tripura, West Bengal, and Union Territories-Arunachal Pradesh, D. & N. Haveli, Delhi, Goa, Daman & Diu, and Mizoram for which the data are not available.

\$ In addition an amount of Rs. 11,34,23 thousands has also been incurred under Plan Scheme.



## FOREST

Table 30-PROTECTION OF FOREST

(sq.kms)

Year/State	Total area of all forests under forest Deptt.(1)	Protection from fire		Protection from cattle throughout the year	
		Area attempted	Area protected	Area closed to animals	Area open to grazing of non- browsers only
1	2	3	4	5	6
1951-52	561,086	285,734	272,571	50,958	139,052
1955-56	600,307	387,531	375,687	62,142	147,876
1960-61	667,368	371,665	364,662	77,353	180,901
1965-66	701,524	283,928	259,392	69,905	127,161
1970-71	749,609	433,021	427,869	104,776	118,249
1975-76	-	-	-	-	-
1976-77*(P)	726,469	302,082	301,813	54,286	63,839
1977-78*(P)	365,099	280,732	279,959	44,181	60,573
1978-79*(P)	365,924	301,476	296,687	43,735	82,055
1979-80**(P)	365,571	258,021	255,374	47,695	69,120
1979-80 State:					
Andhra Pradesh	64,092	49,255	49,155	-	-
Assam	..	..	..	..	..
Bihar	..	..	..	..	..
Gujarat	19,535	18,298	18,192	4,190	9,243
Haryana	1,626	1,626	1,625	1,435	54
Himachal Pradesh	19,684	9,611	9,581	4,200	943
Jammu & Kashmir	..	..	..	..	..
Karnataka	37,866	11,329	10,731	1,529	..
Kerala	11,251	5,338	5,336	1,100	-
Madhya Pradesh	..	..	..	..	..
Maharashtra	56,006	55,385	55,177	9,978	21,664
Manipur	..	..	..	..	..
Meghalaya	..	..	..	..	..
Nagaland	..	..	..	..	..
Orissa	60,234	16,294	15,097	5,150	9,982
Punjab	2,244	2,244	2,236	1,459	681
Rajasthan	30,657	30,657	30,641	7,656	2,140
Sikkim	..	..	..	..	..
Tamil Nadu	21,791	21,352	21,328	3,147	17,832
Tripura	..	..	..	..	..
Uttar Pradesh	40,585	36,632	36,275	7,851	6,581
West Bengal	..	..	..	..	..
Union Territory:					
A. & N. Islands	..	-	-	-	-
Arunachal Pradesh	..	..	..	..	..
D. & N. Haveli	..	..	..	..	..
Delhi	..	..	..	..	..
Goa, Daman & Diu	..	..	..	..	..
Mizoram	..	..	..	..	..

Source: Directorate of Economics and Statistics,  
Ministry of Agriculture

(1) Includes forest area of corporate bodies &amp; private individuals managed by "Forest Deptt".

\* Excludes the States-Assam, Madhya Pradesh, Manipur, Meghalaya, Nagaland, Orissa, Sikkim, West Bengal; and Union Territories-Arunachal Pradesh, D. &amp; N. Haveli, Delhi, Goa, Daman &amp; Diu, and Mizoram for which the data are not available.

\*\* Excludes the States-Assam, Bihar, Jammu &amp; Kashmir, Madhya Pradesh, Manipur, Meghalaya, Sikkim, Nagaland, Tripura, West Bengal and Union Territories-Arunachal Pradesh, D. &amp; N. Haveli, Delhi, Goa, Daman &amp; Diu and Mizoram for which the data are not available.

## FOREST

Table 31-PROGRESS OF FOREST REGENERATION AND AFFORESTATION

Year/State	Area regenerated				Total area regenerated and afforested	Area under sanct-ioned working plans
	By natural regeneration in existing tree forests	By coppice	By artificial regeneration			
			In existing tree forests	Afforested		
1	2	3	4	5	6	7
1950-51	8,000	2,082	653	171	10,906	259,137
1955-56	4,496	2,445	697	264	7,902	290,398
1960-61	4,445	4,890	2,955	660	12,970	314,972
1965-66	7,601	2,760	3,341	8,439	22,128	304,792
1970-71	13,644	3,129	762	944	19,088	364,918
1975-76	8,982	33,784	-	1,628	44,394	529,371
1976-77(P)	7,876	52,847	-	2,132	62,855	537,335
1977-78*(P)	8,106	1,957	12,844	25,020	47,927	278,912
1978-79*(P)	8,359	1,347	18,571	11,142	39,419	303,570
1979-80**(P)	10,180	817	1,059	1,605	13,661	284,260
1979-80						
State:						
Andhra Pradesh	.	29	306	-	335	64,092
Assam	..	..	..	..	..	..
Bihar	..	..	..	..	..	..
Gujarat	-	18	143	267	428	12,102
Haryana(1)	..	..	..	..	..	558
Himachal Pradesh	23	-	65	166	254	19,445
Jammu & Kashmir	..	..	..	..	..	..
Karnataka	3,487	117	172	182	3,958	27,413
Kerala	-	-	57	-	57	4,187
Madhya Pradesh	..	..	..	..	..	..
Maharashtra	227	293	229	238	987	36,648
Manipur	..	..	..	..	..	..
Meghalaya	..	..	..	..	..	..
Nagaland	..	..	..	..	..	..
Orissa	195	193	-	310	698	30,987
Punjab	-	-	-	64	64	674
Rajasthan	2,095	75	29	221	2,420	30,657
Sikkim	..	..	..	..	..	..
Tamil Nadu	..	..	..	..	..	15,371
Tripura	..	..	..	..	..	..
Uttar Pradesh	4,130	92	55	157	4,434	40,565
West Bengal	..	..	..	..	..	..
Union Territory:						
A. & N. Islands	23	-	3	-	26	2,561
Arunachal Pradesh	..	..	..	..	..	..
D. & N. Haveli	..	..	..	..	..	..
Delhi	..	..	..	..	..	..
Goa, Daman & Diu	..	..	..	..	..	..
Mizoram	..	..	..	..	..	..

Source: Directorate of Economics and Statistics,  
Ministry of Agriculture

(1) Totals are for regenerated & afforested is 8675 Hectares plus 12975 RKM.

\* Excludes the States-Assam, Madhya Pradesh, Manipur, Meghalaya, Nagaland, Orissa, Sikkim, West Bengal & Union Territories- Arunachal Pradesh, D. & N. Haveli, Delhi, Goa, Daman & Diu and Mizoram for which the data are not available.

\*\* Excludes the States- Assam, Bihar, Jammu & Kashmir, Madhya Pradesh, Manipur, Meghalaya, Nagaland, Sikkim, Tripura, West Bengal and Union Territories-Arunachal Pradesh, D. & N. Haveli, Delhi, Goa, Daman & Diu and Mizoram the data are not available. Also excludes Haryana (column 2 to 6) for which data are not reported in sq. kilometres.

## MINING

Table 35 NUMBER OF MINES IN INDIA-contd.

Year/ State	Metallic Minerals-contd.			Non-Metallic Minerals						
	Lead & Zinc	Mangan- ese Ore	Others	Total	Apatite	Asbes- tos	Barytes	Diamond	Dolo- mite	Felspar
1	12	13	14	15	16	17	18	19	20	21
1951	..	234	-	1,504	..	19	9	3	1	7
1956	..	680	-	1,404	1	34	12	2	5	11
1961	..	416	-	1,630	2	22	59	5	22	9
1966	..	295	-	1,837	8	39	42	2	48	29
1971	2	373	7	2,106	2	55	80	3	69	65
1976	6	319	11	2,503	5	74	113	3	84	76
1981	6	271	13	2,734	2	72	60	2	118	85
1984	7	226	16	2,987	2	80	52	2	122	119
1985	6	218	20	3,065	2	84	50	2	137	132
1986(P)	6	208	25	3,119	2	80	54	2	141	135
1986										
State:										
Andhra Pradesh	1	22	-	323	1	11	27	-	5	3
Assam	-	-	-	1	-	-	-	-	-	-
Bihar	-	3	-	226	-	-	2	-	3	3
Gujarat	-	3	-	481	-	-	-	-	44	2
Haryana	-	-	-	18	-	-	-	-	-	1
Himachal Pradesh	-	-	-	39	-	-	2	-	-	-
Jammu & Kashmir	-	-	-	5	-	-	-	-	-	-
Karnataka	-	57	-	139	-	1	-	-	2	-
Kerala	-	-	-	40	-	-	-	-	-	-
Madhya Pradesh	-	14	14	383	-	-	1	2	56	2
Maharashtra	-	11	-	91	-	-	1	-	3	-
Manipur	-	-	-	-	-	-	-	-	-	-
Meghalaya	-	-	-	7	-	-	-	-	-	-
Orissa	1	51	1	99	-	-	-	-	11	-
Rajasthan	4	-	1	350	-	68	21	-	10	108
Sikkim	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	-	-	-	181	-	-	-	-	-	16
Uttar Pradesh	-	-	9	109	-	-	-	-	4	-
West Bengal	-	-	-	20	1	-	-	-	3	-
Delhi	-	-	-	3	-	-	-	-	-	-
Goa	-	47	-	4	-	-	-	-	-	-

## MINING

Table 35-NUMBER OF MINES IN INDIA-contd.

Year/ State	Non-Metallic Minerals-contd.								
	Fire- clay	Gypsum	Kaolin	Kyanite	Lime stone	Magne- site	Mica (Crude)	Phosp- horite	Pyrites
1	22	23	24	25	26	27	28	29	30
1951	18	10	37	14	50	7	1,160	-	..
1956	32	21	40	16	99	8	849	-	1
1961	57	35	60	11	175	14	808	-	4
1966	74	93	122 (c)	8	289	8	605	-	2
1971	149	85	114	18	303	13	520	3	2
1976	192	84	117	24	413	11	333	5	2
1981	247	58	164	14	445	20	294	10	1
1984	270	76	205	13	539	21	202	12	1
1985	260	83	211	12	607	19	167	12	1
1986(P)	253	81	230	13	613	18	168	11	1
1986									
State									
Andhra Pradesh	10	-	20	-	86	-	38	-	-
Assam	-	-	-	-	1	-	-	-	-
Bihar	50	-	25	3	34	-	84	-	1
Gujarat	98	3	52	-	120	-	-	-	-
Haryana	-	-	1	-	2	-	-	-	-
Himachal Pradesh	-	1	-	-	35	-	-	-	-
Jammu & Kashmir	-	1	1	-	2	-	-	-	-
Karnataka	3	-	12	2	35	2	-	-	-
Kerala	-	-	15	-	1	-	-	-	-
Madhaya Pradesh	29	-	23	-	142	-	-	2	-
Maharashtra	1	-	8	7	21	-	-	-	-
Manipur	-	-	-	-	-	-	-	-	-
Meghalaya	1	-	-	-	3	-	-	-	-
Orissa	23	-	10	-	18	-	-	-	-
Rajasthan	20	36	50	1	26	4	46	5	-
Sikkim	-	-	-	-	-	-	-	-	-
Tamil Nadu	11	36	4	-	71	9	-	-	-
Uttar Pradesh	-	4	-	-	15	3	-	4	-
West Bengal	7	-	6	-	1	-	-	-	-
Delhi	-	-	3	-	-	-	-	-	-
Goa	-	-	-	-	-	-	-	-	-

(c) Includes mines for Clay and White-Clay.

## MINING

Table 35-NUMBER OF MINES IN INDIA-concl'd.

Year/ State	Non-Metallic Minerals-contd.				
	Salt-rock	Sillimanite	Steatite	Vermiculite	Others
1	31	32	33	34	35
1951	2	1	28	..	138
1956	2	1	34	..	235
1961	2	1	66	1	277
1966	2	3	94	1	366
1971	2	6	132	6	479
1976	2	10	196	15	744
1981	2	9	264	10	857
1984	1	11	274	6	928
1985	1	10	273	6	996
1986(P)	1	10	285	8	1,013
1986					
State :					
Andhra Pradesh	-	-	14	6	102
Assam	-	-	-	-	-
Bihar	-	-	4	-	17
Gujarat	-	-	1	1	160
Haryana	-	-	-	-	14
Himachal Pradesh	1	-	-	-	-
Jammu & Kashmir	-	-	-	-	1
Karnataka	-	-	4	-	78
Kerala	-	1	-	-	23
Madhya Pradesh	-	1	5	-	120
Maharashtra	-	2	-	-	48
Manipur	-	-	-	-	-
Meghalaya	-	3	-	-	-
Orissa	-	-	1	-	36
Rajasthan	-	1	243	-	311
Sikkim	-	-	-	-	-
Tamil Nadu	-	2	5	1	26
Uttar Pradesh	-	-	8	-	71
West Bengal	-	-	-	-	2
Delhi	-	-	-	-	-
Goa	-	-	-	-	4

## MINING

Table 36-PRODUCTION OF MINERALS AND ORES AND DETAILS BY SELECTED ITEMS

(Qty : tonnes)  
(Value : Rs.'000)

Year/ State	All minerals(1)		Fuels					
	Value	Total value	Coal		Lignite		Natural gas	
			Quantity (2)	Value	Quan- tity(2)	Value	Quan- tity(3)	Value
1	2	3	4	5	6	7	8	9
1951	832,549 (a)	504,812	34,952	504,447	34	365	-	..
1956	1,401,921 (a)	650,793	40,037	650,311	25	482	-	-
1961	1,812,101	1,209,738	56,065	1,171,929	64	1,822	17	2,997
1966	3,279,502	2,253,083	67,974	1,781,075	2,568	56,475	37	10,333
1971	5,034,548	3,477,546	71,824	2,574,680	3,660	103,657	76	37,599
1976	13,649,278	10,088,398	100,876	7,122,689	3,895	192,399	150	52,339
1981	37,382,060	30,227,885	123,104	17,485,737	5,966	718,869	200	68,780
1984	81,133,881	69,400,205	143,873	29,440,851	7,680	1,217,704	392	138,244
1985	87,110,004	73,452,921	149,712	30,708,362	7,849	1,312,396	469	165,623
1986(P)	91,860,465*	82,142,286	162,647	37,428,083	7,994	1,421,970	663	233,259
1986 State:								
Andhra Pradesh	4,729,603	4,179,866	16,228	4,179,866	-	-	-	-
Assam	7,614,183	7,602,347	864	295,351	-	-	117	23,856
Bihar	14,925,614	13,730,557	57,474	13,170,557	-	-	-	-
Gujarat	6,773,846	6,538,532	-	-	1,076	236,626	78	41,446
Haryana	39,940	-	-	-	-	-	-	-
Himachal Pradesh	42,735	-	-	-	-	-	-	-
Jammu & Kashmir	32,987	29,247	40	29,247	-	-	-	-
Karnataka	1,294,956	-	-	-	-	-	-	-
Kerala	71,619	-	-	-	-	-	-	-
Madhya Pradesh	10,780,827	9,032,206	46,101	9,032,206	-	-	-	-
Maharashtra	2,466,758	1,900,975	10,449	2,163,288	-	-	-	-
Manipur	50	-	-	-	-	-	-	-
Meghalaya	16,485	1,915	6	1,915	-	-	-	-
Orissa	2,749,692	1,302,400	6,938	1,302,400	-	-	-	-
Punjab	..	..	..	..	..	..	..	..
Rajasthan	1,601,905	-	-	-	-	-	-	-
Sikkim	2,828	-	-	-	-	-	-	-
Tamil Nadu	1,601,575	1,190,872	-	-	6,918	1,185,344	-	-
Tripura	305	305	-	-	-	-	2	305
Uttar Pradesh	1,079,237	938,698	4,737	938,698	-	-	-	-
West Bengal	5,776,544	5,754,555	19,810	5,754,555	-	-	-	-
Bombay High	29,595,960	29,595,960	-	-	-	-	466	167,652
Union Territory:								
A & N islands	..	..	..	..	..	..	..	..
Arunachal Pradesh	81,538	81,538	-	-	-	-	(b)	(b)
Chandigarh	..	..	..	..	..	..	..	..
Delhi	1,603	-	-	-	-	-	-	-
Goa	579,676	-	-	-	-	-	-	-
Pondicherry	..	..	..	..	..	..	..	..

Source: Indian Bureau of Mines,  
Ministry of steel and Mines

(1) Excludes the value output of 'atomic minerals'. Totals will not tally with the details which are for selected items only.

(2) In '000 tonnes.

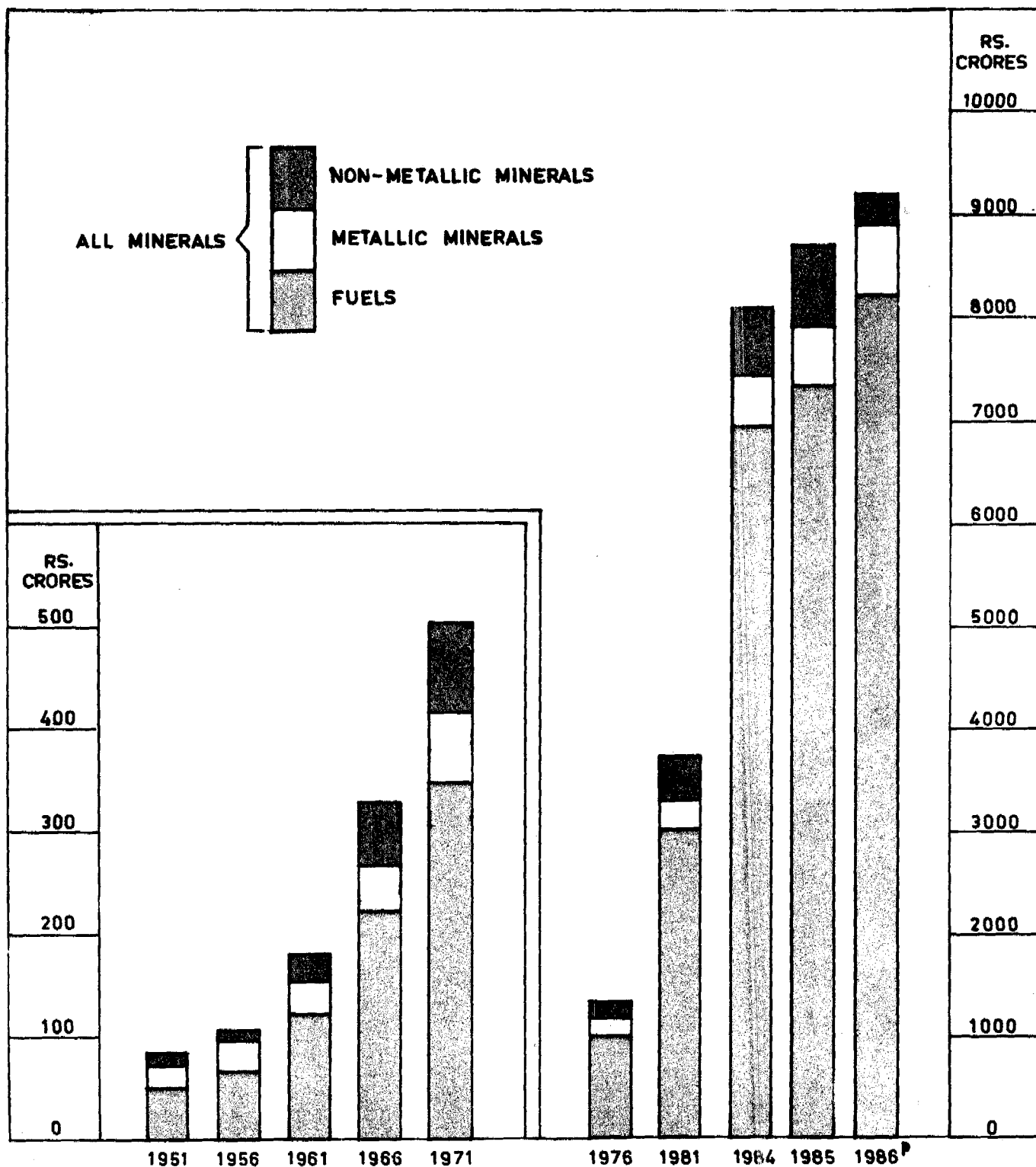
(3) In crore cubic metres (Gas utilised).

(a) Excludes the value of petroleum (crude) and natural gas.

(b) Not available separately, included in Assam State.

\* Excludes minor minerals.

# VALUE OF MINERAL PRODUCTION



● Excluding Minor Minerals  
 P Provisional

## MINING

Table 36-PRODUCTION OF MINERALS AND ORES AND DETAILS BY SELECTED ITEMS-contd.

(Qty: tonnes)  
(Value: Rs. '000)

Year/ State	Fuels-contd.			Metallic minerals			
	Petroleum (crude)		Total value *	Bauxite		Chromite	
	Quan- tity(2)	Value		Quan- tity(2)	Value	Quan- tity	Value
1	10	11	12	13	14	15	16
1951	269	..	221,064	68	752	16,970	913
1956	396	..	300,856	101	932	53,532	1,752
1961	513	32,990	310,731	476	4,683	48,785	2,899
1966	4,647	405,200	419,102	750	8,124	77,770	5,343
1971	7,185	761,610 (E)	689,194	1,517	21,381	275,405	27,169
1976	8,659	2,720,971 (E)	1,785,554	1,449	42,893	402,111	196,195
1981	14,925	11,954,499	2,970,596	1,955	104,025	343,601	166,236
1984	27,933	38,603,406	5,155,241	2,093	150,132	458,862	298,458
1985	29,860	41,266,520	5,701,206	2,281	182,432	569,475	461,876
1986(P)	31,157	43,058,974	6,448,738	2,409	190,956	634,476	543,828
1986 State:							
Andhra Pradesh	-	-	152,532	-	-	873	105
Assam	5,270	7,283,140	-	-	-	-	-
Bihar	-	-	999,416	762	39,777	-	-
Gujarat	4,530	6,260,460	35,130	470	33,393	-	-
Haryana	-	-	-	-	-	-	-
Himachal Pradesh	-	-	-	-	-	-	-
Jammu & Kashmir	-	-	1	-	1	-	-
Karnataka	-	-	1,171,602	39	2,188	67,852	27,744
Kerala	-	-	-	-	-	-	-
Madhya Pradesh	-	-	1,104,025	648	92,039	-	-
Maharashtra	-	-	203,760	413	19,561	-	-
Manipur	-	-	50	-	-	150	50
Meghalaya	-	-	-	-	-	-	-
Orissa	-	-	1,131,080	1	27	565,601	515,929
Punjab	..	..	..	..	..	..	..
Rajasthan	-	-	1,063,030	-	-	-	-
Sikkim	-	-	2,828	-	-	-	-
Tamil Nadu	4	5,528	3,698	62	3,698	-	-
Tripura	-	-	-	-	-	-	-
Uttar Pradesh	-	-	2,106	2	41	-	-
West Bengal	-	-	-	-	-	-	-
Bombay High	21,294	29,428,308	-	-	-	-	-
Union Territory:							
Andaman & Nicobar	..	..	..	..	..	..	..
Arunachal Pradesh	59	81,538	-	-	-	-	-
Chandigarh	..	..	..	..	..	..	..
Delhi	-	-	-	-	-	-	-
Goa	-	-	579,480	12	231	-	-
Pondicherry	..	..	..	..	..	..	..

(2) In '000 tonnes.

(E) Estimate.

\* Totals will not tally with the later details which are for selected items only.



## MINING

Table 36-PRODUCTION OF MINERALS AND ORES AND DETAILS BY SELECTED ITEMS-contd.

(Qty: tonnes)  
(Value: Rs.'000)

Year/ State	Metallic minerals-contd.							
	Copper ore *		Gold		Iron ore		Lead concentrates	
	Quan- tity(2)	Value	Quan- tity(4)	Value	Quan- tity(2)	Value	Quan- tity	Value
1	17	18	19	20	21	22	23	24
1951	375	19,400	7,041	67,530	4,152	23,400	1,812 (c)	1,500
1956	392	28,981	6,508	57,673	7,521	60,300	3,972	976
1961	423	22,981	4,868	59,103	18,705	135,414	5,532	1,691
1966	484	26,722	3,736	44,979	26,733	234,315	5,151	2,724
1971	666	49,541	3,656	83,091	34,311	400,641	4,262	5,102
1976	2,395	238,266	3,152	151,154	43,741	869,666	15,856	32,587
1981	2,109	427,054	2,495	311,892	41,618	1,443,101	19,951	61,715
1984	3,923	782,245	1,989	463,078	42,310	2,382,454	34,707	218,213
1985	4,211	878,674	1,853	510,890	44,090	2,540,684	35,433	234,010
1986(P)	4,423	936,308	1,931	549,372	50,620	2,943,472	44,413	293,329
1986 State:								
Andhra Pradesh	1.3	129	152 (d)	57,173	170	5,225	4,417	26,191
Assam	-	-	-	-	-	-	-	-
Bihar	1,291	398,359	111 (e)	19,747	7,425	498,712	-	-
Gujarat	-	-	-	-	-	-	-	-
Haryana	-	-	-	-	-	-	-	-
Himachal Pradesh	-	-	-	-	-	-	-	-
Jammu & Kashmir	-	-	-	-	-	-	-	-
Karnataka	69	8,388	1,668	472,452	8,860 (f)	623,255	-	-
Kerala	-	-	-	-	-	-	-	-
Madhaya Pradesh	1,496	164,467	-	-	9,779	725,617	-	-
Maharashtra	-	-	-	-	1,336	64,508	-	-
Manipur	-	-	-	-	-	-	-	-
Meghalaya	-	-	-	-	-	-	-	-
Orissa	1 (g)	3,204 (g)	-	-	7,770	449,448	5,642	67,712
Punjab	..	..	..	..	..	..	..	..
Rajasthan	1,564	359,925	-	-	35	1,303	34,251	199,426
Sikkim	0.3 (g)	1,836 (g)	-	-	-	-	103	..
Tamil Nadu	-	-	-	-	-	-	-	-
Uttar Pradesh	-	-	-	-	-	-	-	-
West Bengal	-	-	-	-	-	-	-	-
Union Territory:								
Arunachal Pradesh	..	..	..	..	..	..	..	..
Delhi	-	-	-	-	-	-	-	-
Goa	-	-	-	-	15,245	575,404	-	-

(2) '000 tonnes. (4) In kilograms.

(c) Relates to lead metal only.

(d) Gold is recovered from ore produced incidental to prospecting and exploratory operations.

(e) Gold is recovered as by product from copper slime

(f) includes concentrates.

(g) Relates to copper concentrates.

\* Includes production and value of copper concentrates produced from 1977 in Sikkim and from 1983 in Orissa.

## MINING

Table 36-PRODUCTION OF MINERALS AND ORES AND DETAILS BY SELECTED ITEMS-contd.

(Qty: tonnes)  
(Value: Rs.'000)

Metallic minerals-contd.					Non-metallic minerals			
Year/ State	Manganese ore		Zinc concentrates		Total Value @	Apatite		
	Quan- tity(2)	Value	Quantity	Value		Quantity	Value	
1	25	26	27	28	29	30	31	
1951	. . . . .	1,398	106,700	2,144	650	106,673	423	6
1956	. . . . .	1,998	147,479	6,990	2,316	90,272	8,926	132
1961	. . . . .	1,405	80,516	9,254	2,212	291,632	20,140	593
1966	. . . . .	1,710	92,506	8,900	3,559	607,317	16,275	665
1971	. . . . .	1,841	84,078	15,055	14,476	867,808	11,307	826
1976	. . . . .	1,835	164,659	45,322	81,987	1,775,326	38,280	6,415
1981	. . . . .	1,532	250,005	52,925	153,212	4,183,579	16,862	4,227
1984	. . . . .	1,147	330,152	85,875	425,886	6,578,435	15,582	4,194
1985	. . . . .	1,269	333,236	87,178	447,368	7,955,877	15,375	4,293
1986	. . . . .	1,288	373,451	89,531	467,246	3,269,441 (*)	10,496	3,468
1986								
State:								
Andhra Pradesh	. . . . .	27	3,982	-	-	397,205	3,628	2,099
Assam	. . . . .	-	-	-	-	11,836	-	-
Bihar	. . . . .	3	263	-	-	195,641	-	-
Gujarat	. . . . .	10	1737	-	-	200,184	-	-
Haryana	. . . . .	-	-	-	-	39,940	-	-
Himachal Pradesh	. . . . .	-	-	-	-	42,735	-	-
Jammu & Kashmir	. . . . .	-	-	-	-	3,739	-	-
Karnataka	. . . . .	281	35,223	-	-	123,354	-	-
Kerala	. . . . .	-	-	-	-	71,619	-	-
Madhya Pradesh	. . . . .	264	116,137	-	-	644,596	-	-
Maharashtra	. . . . .	238	119,691	-	-	99,710	-	-
Manipur	. . . . .	-	-	-	-	-	-	-
Meghalaya	. . . . .	-	-	-	-	14,570	-	-
Orissa	. . . . .	436	92,573	-	-	316,212	-	-
Punjab	. . . . .	..	..	..	..	..	..	..
Rajasthan	. . . . .	-	-	89,154	466,254	538,875	-	-
Sikkim	. . . . .	-	-	377	992	-	-	-
Tamil Nadu	. . . . .	-	-	-	-	407,005	-	-
Tripura	. . . . .	-	-	-	-	..	-	-
Uttar Pradesh	. . . . .	-	-	-	-	138,433	-	-
West Bengal	. . . . .	-	-	-	-	21,989	6,868	1,369
Union Territory:								
A .& N .Islands	. . . . .	..	..	..	..	..	..	..
Arunachal Pradesh	. . . . .	-	-	-	-	NAS	-	-
Chandigarh	. . . . .	..	..	..	..	..	..	..
Delhi	. . . . .	-	-	-	-	1,603	-	-
Goa	. . . . .	29	3,845	-	-	196	-	-
Pondicherry	. . . . .	..	..	..	..	..	..	..

(2) In '000 tonnes.

(\*) Including minor minerals. The totals will not tally with that of the details which are for selected items only.

(\*) Data for the year 1986 excludes minor minerals

NAS- Not available separately.

## MINING

Table 36-PRODUCTION OF MINERALS AND ORES AND DETAILS BY SELECTED ITEMS-contd.

(Qty: tonnes)  
(Value: Rs.'000)

Year/ State	Non-Metallic minerals-contd.							
	Asbestos		Barytes		Diamond		Dolomite	
	Quan- tity	Value	Quan- tity	Value	Quan- tity(5)	Value	Quan- tity(2)	Value
1	32	33	34	35	36	37	38	39
1951	527	239	10,639	311	1,674	534	14	71
1956	1,250	411	6,416	107	1,499	327	100	1,550
1961	1,473	160	24,246	389	1,313	853	729	7,865
1966	7,596	1,685	52,608	1,084	2,113	959	1,056	12,355
1971	11,139	2,228	58,695	1,444	19,383	7,305	1,320	23,353
1976	24,119	10,252	236,240	13,085	20,487	9,987	1,897	62,119
1981	27,521	20,631	405,138	39,072	14,834	18,348	2,068	95,437
1984	26,908	17,511	461,612	69,304	14,391	21,029	2,383	156,298
1985	30,078	19,420	589,317	87,617	16,271	24,067	2,256	150,557
1986(P)	27,330	18,607	336,933	66,049	16,116	25,222	2,197	148,389
1986								
State:								
Andhra Pradesh	2,243	16,468	329,131	64,272	-	-	7	291
Assam	-	-	-	-	-	-	-	-
Bihar	-	-	300	35	-	-	167	10,753
Gujarat	-	-	-	-	-	-	235	5,887
Haryana	-	-	-	-	-	-	-	-
Himachal Pradesh	-	-	885	66	-	-	-	-
Jammu & Kashmir	-	-	-	-	-	-	-	-
Karnataka	731	293	-	-	-	-	10	638
Kerala	-	-	-	-	-	-	-	-
Madhya Pradesh	-	-	10	1	16,116	25,222	570	36,969
Maharashtra	-	-	144	18	-	-	29	1,649
Manipur	-	-	-	-	-	-	-	-
Meghalaya	-	-	-	-	-	-	-	-
Orissa	-	-	-	-	-	-	985	82,204
Punjab	..	..	..	..	..	..	..	..
Rajasthan	24,356	1,846	6,463	1,657	-	-	9	270
Sikkim	-	-	-	-	-	-	-	-
Tamil Nadu	-	-	-	-	-	-	-	-
Tripura	-	-	-	-	-	-	-	-
Uttar Pradesh	-	-	-	-	-	-	108	5,848
West Bengal	-	-	-	-	-	-	77	3,880
Union Territory:								
Delhi	-	-	-	-	-	-	-	-
Goa	-	-	-	-	-	-	-	-

(2) In '000 tonnes.

(5) In carats.

## MINING

Table 36-PRODUCTION OF MINERALS AND ORES AND DETAILS BY SELECTED ITEMS-contd.

(Qty: tonnes)  
(Value: Rs.'000)

Year/ State	Non-Metallic minerals-contd.							
	Felspar		Fire-clay		Gypsum		Kaolin natural(h)	
	Quantity	Value	Quantity	Value	Quantity (2)	Value	Quantity	Value
1	40	41	42	43	44	45	46	47
1951	3,439	37	114,370	800	207	1,263	(i)	..
1956	3,972	35	141,717	1,149	687	5,108	(i)	..
1961	10,629	123	301,531	2,503	866	5,363	62,409	356
1966	27,972	254	503,696	4,105	1,299	10,196	204,635	1,629
1971	43,954	663	622,756	5,561	1,089	12,160	223,653	2,164
1976	55,094	1,600	683,527	11,724	727	15,590	281,887	4,466
1981	52,290	2,297	847,506	22,427	957	35,195	389,307	15,602
1984	50,960	2,354	735,022	24,670	1,268	52,652	515,277	55,106
1985	48,608	2,596	663,483	29,787	1,291	59,733	638,886	30,825
1986(P)	45,663	2,310	700,883	31,928	1,639	68,183	645,374	27,889
1986								
State:								
Andhra Pradesh	6,926	305	8,344	586	-	-	26,535	646
Assam	-	-	-	-	-	-	-	-
Bihar	1,050	73	146,192	7,549	-	-	30,802	721
Gujarat	4	-	151,295	2,071	1	78	18,130	801
Haryana	159	13	-	-	-	-	8,417	211
Himachal Pradesh	-	-	-	-	5	341	-	-
Jammu & Kashmir	-	-	-	-	10	450	-	-
Karnataka	-	-	13,457	723	-	-	6,753	239
Kerala	-	-	-	-	-	-	19,885	1,412
Madhya Pradesh	1,001	33	118,064	4,008	-	-	17,404	533
Maharashtra	-	-	7,493	246	-	-	9,785	243
Manipur	-	-	-	-	-	-	-	-
Meghalaya	-	-	181	9	-	-	-	-
Orissa	-	-	123,899	10,526	-	-	20,239	588
Punjab	..	..	..	..	..	..	..	..
Rajasthan	31,431	1,513	65,648	4,592	1,521	58,768	315,938	8,635
Sikkim	-	-	-	-	-	-	-	-
Tamil Nadu	5,092	373	51,818	1,222	94	7,969	3,299	126
Uttar Pradesh	-	-	-	-	8	577	-	-
West Bengal	-	-	14,492	396	-	-	118,867	12,131
Union Territory:								
Delhi	-	-	-	-	-	-	49,320	1,603
Goa	-	-	-	-	-	-	-	-

(2) In '000 tonnes.

(h) Kaolin(natural) relates to the mineral production and consumed as such.

(i) Break downs of kaolin production into natural and processed for the years 1951 to 1956 are not available.

## MINING

Table 36-PRODUCTION OF MINERALS AND ORES AND DETAILS BY SELECTED ITEMS-contd.

(Qty: tonnes)  
(Value: Rs.'000)

Year/ State	Non-Metallic minerals-contd.							
	Kaolin processed(6)		Kyanite		Lime-stone		Magnesite	
	Quantity	Value	Quantity	Value	Quantity (2)	Value	Quantity	Value
1	48	49	50	51	52	53	54	55
1951	(j)	-	43,182	5,857	2,965	10,258	119,351	1,860
1956	(j)	-	20,459	4,714	8,385	33,634	93,183	1,846
1961	79,175	5,956	27,155	5,498	14,755	74,589	209,744	3,477
1966	96,087	8,272	63,820	12,802	19,831	142,364	232,053	4,056
1971	106,303	10,295	63,495	14,930	25,079	245,985	295,604	11,874
1976	108,790	23,709	47,172	16,025	29,987	597,155	329,698	40,393
1981	115,166	46,400	36,583	13,085	32,441	884,612	462,534	114,346
1984	109,708	59,851	37,951	28,166	45,859	1,758,242	419,580	134,140
1985	106,276	63,976	30,635	27,546	49,083	1,964,995	420,931	146,658
1986(P)	98,317	58,416	32,402	28,589	53,096	2,029,942	460,315	177,149
1986								
State:								
Andhra Pradesh	636	138	-	-	8,243	283,904	-	-
Assam	-	-	-	-	217	11,836	-	-
Bihar	27,329	10,987	20,795	25,052	1,758	112,945	-	-
Gujarat	7,092	3,895	-	-	4,996	117,149	-	-
Haryana	-	-	-	-	498	28,715	-	-
Himachal Pradesh	-	-	-	-	1,157	41,692	-	-
Jammu & Kashmir	90	32	-	-	125	2,891	-	-
Karnataka	3,076	1,235	487	140	4,244	96,471	28,823	12,536
Kerala	42,350	36,122	-	-	268	17,426	-	-
Madhya Pradesh	-	-	-	-	13,267	534,296	-	-
Maharashtra	-	-	10,974	3,375	1,971	65,446	-	-
Manipur	-	-	-	-	-	-	-	-
Meghalaya	-	-	-	-	259	10,231	-	-
Orissa	2,220	899	-	-	2,946	208,055	-	-
Punjab	..	..	..	..	..	..	..	..
Rajasthan	186	45	146	22	6,072	190,524	482	26
Sikkim	-	-	-	-	-	-	-	-
Tamil Nadu	3,078	933	-	-	5,277	247,587	339,500	142,162
Uttar Pradesh	-	-	-	-	1,796	60,728	91,510	22,425
West Bengal	12,260	4,130	-	-	2	46	-	-
Union Territory:								
Delhi	-	-	-	-	-	-	-	-
Goa, Daman & Diu	-	-	-	-	-	-	-	-

(2) In '000 tonnes.

(6) Kaolin (processed) relates to the kaolin obtained after processing the run-of-mine materials.

(j) Break downs of kaolin production into natural and processed for the years 1951 to 1956 are not available.

## MINING

Table 36-PRODUCTION OF MINERALS AND ORES AND DETAILS BY SELECTED ITEMS-contd.

(Qty: tonnes)  
(Value: Rs.'000)

Year/ State	Non-Metallic minerals-contd.							
	Mica (crude)		Phosphorite		Pyrites		Salt (Rock)	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1	56	57	58	59	60	61	62	63
1951	9,905 (k)	29,441	-	-	538	27	5,530	20
1956	28,484	21,320	-	-	-	-	3,494	174
1961	28,347	23,658	-	-	-	-	4,253	237
1966	22,915	24,140	-	-	-	-	4,000	319
1971	15,099	21,193	232,170	26,842	40,886	7,574	3,845	481
1976	9,494	22,146	644,750	172,957	47,531	12,902	4,438	755
1981	8,534	35,563	548,415	249,256	72,278	20,654	4,326	1,082
1984	6,170	32,258	873,907	360,228	37,413	14,965	4,204	1,155
1985	4,942	27,876	933,563	390,595	17,412	7,058	3,941	1,395
1986(P)	4,701	25,257	645,092	249,267	22,026	6,620	1,664	636
1986								
State:								
Andhra Pradesh	1,651	7,753	-	-	-	-	-	-
Assam	-	-	-	-	-	-	-	-
Bihar	2,501	14,721	-	-	22,026	6,620	-	-
Gujarat	-	-	-	-	-	-	-	-
Haryana	-	-	-	-	-	-	-	-
Himachal Pradesh	-	-	-	-	-	-	1,664	636
Jammu & Kashmir	-	-	-	-	-	-	-	-
Karnataka	-	-	-	-	-	-	-	-
Kerala	-	-	-	-	-	-	-	-
Madhya Pradesh	-	-	87,567	34,887	-	-	-	-
Maharashtra	-	-	-	-	-	-	-	-
Manipur	-	-	-	-	-	-	-	-
Meghalaya	-	-	-	-	-	-	-	-
Orissa	-	-	-	-	-	-	-	-
Punjab	..	..	..	..	..	..	..	..
Rajasthan	549	2,783	403,974	178,763	-	-	-	-
Sikkim	-	-	-	-	-	-	-	-
Tamil Nadu	-	-	-	-	-	-	-	-
Uttar Pradesh	-	-	153,551	35,617	-	-	-	-
West Bengal	-	-	-	-	-	-	-	-
Union Territory:								
Delhi	-	-	-	-	-	-	-	-
Goa, Daman & Diu.	-	-	-	-	-	-	-	-

(k) Relates to dressed mica.

## MINING

Table 36-PRODUCTION OF MINERALS AND ORES AND DETAILS BY SELECTED ITEMS-concl'd.

(Qty: tonnes)  
(Value: Rs.'000)

Year/ State	Non-Metallic minerals-contd.						Minor minerals
	Sillimanite		Steatite		Vermiculite		
	Quantity	Value	Quantity	Value	Quantity	Value	Value
1	64	65	66	67	68	69	70
1951	4,114	198	34,186 (1)	1,339	236	6	-
1956	4,172	234	47,604 (1)	2,419	942	28	-
1961	8,113	364	97,379	3,011	629	12	153,788
1966	10,393	792	150,349	4,164	511	17	368,271
1971	4,326	565	178,877	5,447	538	15	428,326
1976	14,896	5,157	220,461	9,286	3,435	193	652,676
1981	12,273	6,069	367,325	30,505	3,477	897	2,387,756
1984	17,538	18,212	345,100	38,664	2,190	553	3,498,750
1985	17,129	18,791	359,052	49,500	2,716	742	4,576,724
1986(P)	14,691	13,933	368,565	50,407	4,415	911	..
1986							
State:							
Andhra Pradesh	-	-	11,371	1,229	3,218	472	..
Assam	-	-	-	-	-	-	..
Bihar	-	-	1,885	69	-	-	..
Gujarat	-	-	421	17	232	28	..
Haryana	-	-	-	-	-	-	..
Himachal Pradesh	-	-	-	-	-	-	..
Jammu & Kashmir	-	-	-	-	-	-	..
Karnataka	-	-	2,430	116	-	-	..
Kerala	2,011	2,465	-	-	-	-	..
Madhya Pradesh	55	39	3,779	115	-	-	..
Maharashtra	9,003	6,946	-	-	-	-	..
Manipur	-	-	-	-	-	-	..
Meghalaya	3,466	4,330	-	-	-	-	..
Orissa	-	-	809	33	-	-	..
Punjab	..	..	..	..	..	..	..
Rajasthan	9	3	316,047	45,685	-	-	..
Sikkim	-	-	-	-	-	-	..
Tamil Nadu	147	150	16,519	1,019	965	411	..
Tripura	-	-	-	-	-	-	..
Uttar Pradesh	-	-	15,304	2,124	-	-	..
West Bengal	-	-	-	-	-	-	..
Union Territory:							
A & N Island	..	..	..	..	..	..	..
Arunachal Pradesh	-	-	-	-	-	-	-
Chandigarh	..	..	..	..	..	..	..
Delhi	-	-	-	-	-	-	-
Goa	-	-	-	-	-	-	-
Pondicherry	..	..	..	..	..	..	..

(1) The figures for 1951 and 1956 include pyrophyllite.

## MINING

Table 37A- INDEX OF MINERAL PRODUCTION  
(Quantum Index)

(Base: 1970=100)

Mineral	Weight	1961	1966	1971	1976	1981	1983	1984	1985	1986	1987
1	2	3	4	5	6	7	8	9	10	11	12
All minerals	1,000.00	62	85	101	138	172	212	230	242	261	272
Coal mining	623.60	74	91	98	136	167	184	196	203	221	240
Coal	602.99	76	92	97	137	168	183	195	202	221	240
Lignite	20.61	2	72	103	110	168	206	217	221	225	234
Petroleum & natural gas	166.52	9	67	106	131	222	375	417	449	480	463
Petroleum (crude)	159.55	8	68	106	127	219	369	410	438	458	442
Natural gas	6.97	25	55	112	222	295	508	580	693	280	937
Metal ore mining	121.80	73	88	110	162	151	169	185	196	218	227
Bauxite	3.87	35	55	110	105	142	144	151	165	194	202
Chromite	3.92	18	28	101	147	126	132	167	207	230	228
Copper ore	10.13	82	93	129	462	407	661	757	811	861	992
Diaspore	0.17	..	24	78	163	99	108	186	168	..	..
Gold	11.90	150	115	113	97	77	66	61	57	60	58
Iron ore	68.50	60	85	109	139	133	121	135	141	164	158
Lead-concentrates	0.88	143	133	110	409	514	912	895	914	..	..
Manganese ore	19.27	83	100	108	108	90	75	67	74	75	75
Tungsten ore	0.29	26	72	85	127	111	91	165	153	..	..
Zinc concentrates	2.87	58	56	95	285	333	474	541	548	563	660
Non-metallic mining	88.08	57	78	103	132	141	161	182	188	193	197
Stone quarrying clay & sand pits.	70.15	54	79	100	119	129	149	170	177	191	..
Ball clay	0.07	..	75	98	615	964	1,104	1,667	1744	..	..
Chalk	0.22	..	48	102	128	180	198	218	252	..	..
Kaolin(natural)	0.43	32	91	116	146	201	249	275	331	..	..
Kaolin(processed)	2.11	78	95	105	108	114	113	108	117	..	..
Clay (others)	0.09	20	101	163	196	59	66	80	78	..	..
Dolomite	4.47	64	92	115	165	180	195	207	195	192	190
Felspar	0.14	31	81	127	159	151	137	147	128	..	..
Fireclay	1.34	52	86	107	117	145	124	124	119	121	95
Jasper	0.00	..	..	438	1,609	3,339	5,598	4,165	..	..	..
Kyanite	7.59	22	53	53	39	30	35	31	25	27	31
Magnesite	2.85	59	65	83	93	131	124	118	119	130	118
Quartz	0.43	28#	99	90	103	105	92	99	92	..	..
Quartzite	0.45	..	26	171	219	100	113	93	103	..	..
Fuchasite quartzite	0.01	-	292	154	1,046	123	115	508	154	..	..
Silica sand	0.97	..	39	115	170	231	289	275	338	..	..

Source: Indian Bureau of Mines.  
Ministry of Steel and Mines

# Includes quartzite and silica sand for 1961.

\* Figures are low because of suspension of production of Petroleum (crude) for part of year 1980.  
Statistically adjusted figure is indicated in parenthesis.



## MINING

Table 37A -INDEX OF MINERAL PRODUCTION-contd.  
(Quantum Index)

(Base: 1970=100)

Mineral	Weight	1961	1966	1971	1976	1981	1983	1984	1985	1986	1987
1	2	3	4	5	6	7	8	9	10	11	12
Moulding sand	0.09	..	15	105	150	187	159	141	145	..	..
Sand (others)	0.44	..	80	126	136	155	204	265	227	..	..
Slate	0.02	172	168	1,124	3,338	2,049	948	527	873	..	..
Sillimanite	0.19	178	228	95	326	269	188	349	375	..	..
Limestone & other calcareous minerals	48.24	60	83	105	124	134	161	190	200	221	233
Limestone	47.01	62	83	105	126	136	163	192	203	..	..
Limeshell	0.39	..	61	118	120	164	174	226	208	..	..
Lime kankar	0.56	..	118	115	22	5	30	29	25	..	..
Calcareous sand	0.28	..	96	103	108	69	64	72	71	..	..
Chemical & fertilizer minerals	5.88	7	12	131	320	284	384	411	417	313	..
Apatite	0.28	126	103	71	239	105	91	97	96	..	..
Phosphorite	3.95	..	..	148	412	351	496	559	582	..	..
Fluorspar (graded)	1.06	7	42	68	73	86	141	89	84	137	115
Iron Pyrites	0.59	..	..	159	185	282	207	146	68	..	..
Salt mining & Quarrying	0.10	106	100	96	110	108	114	105	98	41	..
Salt (rock)	0.10	106	100	96	110	108	114	105	98	..	..
Precious & Semi- Precious Stones	1.27	6	12	95	110	76	70	72	81	80	..
Agate	0.04	..	66	98	421	178	68	120	101	..	..
Diamond	1.22	6	10	95	101	73	70	71	80	80	94
Emerald (dressed)	0.00	5,260	-	50	-	-	-	-	-	..	..
Garnet (gem variety)	0.01	..	98	56	70	25	38	48	72	..	..
Mica (crude)	5.07	171	138	91	57	51	45	41	29	29	26
Gypsum	2.36	94	140	118	79	103	110	136	139	177	187
Other mining not elsewhere classified	3.25	36	74	114	221	348	283	318	326	281	..
Asbestos	0.47	15	75	110	238	272	234	264	291	..	..
Barytes	0.44	31	67	75	300	515	485	578	731	..	..
Calcite	0.08	63	102	116	122	155	106	171	151	..	..
Cordierite	0.03	-	-	-	-	-	-	-	-	..	..
Corundum	0.06	80	142	75	128	314	174	146	115	..	..
Garnet (abrasive)	0.01	24	22	141	217	333	348	481	579	..	..
Graphite	0.55	..	33	163	351	621	374	315	287	..	..
Ochre	0.22	47	80	134	233	229	223	330	272	..	..
Pyrophyllite	0.11	6	60	85	245	299	462	583	404	..	..
Staurolite	0.91	..	..	..	3	17	-	-	-	..	..
Steatite	1.24	61	94	112	138	231	188	217	216	238	226
Vermiculite	0.02	41	33	35	225	227	180	128	118	..	..
Wollastonite	0.01	..	..	355	790	2,768	2,932	4,697	4,529	..	..

## MINING

Table 37B-INDEX OF MINERAL PRODUCTION (REVISED)  
(Quantum Index)

(Base: 1980-81=100)

Mineral	Weight	1976	1980	1981	1982	1983	1984	1985	1986	1987
1	2	3	4	5	6	7	8	9	10	11
All minerals	1,000.00	90	95* (102)	114	128	144	157	165	188	194
Coal mining (including lignite)	592.17	88	96	108	113	119	127	132	150	163
Crude petroleum & natural gas	221.09	84	90* (121)	142	188	239	265	285	332	321
Metal ore mining (1)	111.95	108	99	100	103	103	113	120	136	138
Iron ore	56.98	104	99	99	101	90	100	105	123	118
Manganese ore	12.98	112	104	94	91	78	70	77	76	75
Non-metallic mining (2)	74.79	99	98	106	110	121	136	143	146	148
Stone quarrying clay and sand pits.	51.23	97	97	106	111	122	139	146	118	..
Limestone and other calcareous minerals	35.85	100	97	107	114	128	151	161	182	192
Chemical and fertiliser minerals	14.51	116	105	108	116	137	149	153	108	..
Salt mining and quarrying	0.05	92	97	90	86	95	87	82	86	..
Precious and semi- Precious stones	1.16	143	100	102	90	98	99	112	139	..
Mica	1.27	116	97	104	107	92	75	60	60	53
Gypsum	1.61	77	91	101	101	108	134	136	189	200
Other mining n.e.c	4.96	60	98	96	89	83	99	112	87	..

Source: Indian Bureau of Mines  
Ministry of Steel and Mines

(1) Includes all metallic minerals except those declared as prescribed substances in the Atomic Energy Act, 1962.

(2) Includes other non-metallic minerals.

\* Figure is low because of suspension of production of Petroleum (crude) for part of the year 1980. Statistically adjusted figure is indicated in parenthesis.

## INDUSTRY

**T**

his section deals with the following items:

- (a) Annual Survey of industries-Factory sector,
- (b) Production of cotton yarn and piece-goods,
- (c) Production of man-made fibre fabrics;
- (d) Manufacture of salt,
- (e) Production of certain selected industries and
- (f) Index numbers of industrial production.

Table 38 and 39

These two tables present data regarding Annual Survey of Industries(ASI), the scope and coverage of which are described below:

The ASI replaced both the Census of Manufacturing Industries and the Sample Survey of Manufacturing Industries with effect from the survey year, 1959. The survey is conducted under the authority of the "Collection of Statistics Act, 1953" and the "Collection of Statistics (Central) Rules, 1959" framed thereunder. These tables give information on important characteristics of manufacturing industries from 1973-74 to 1985-86 at all-India (all Industries) and for 1985-86 State-wise and industry group-wise.

Geographically, the survey covered the whole of the Indian Union, including Jammu & Kashmir although the Collection of Statistics Act did not extend to Jammu & Kashmir. From Jammu & Kashmir the data initially were collected on a voluntary basis and later collected under the Jammu & Kashmir Collection of Statistics Act, 1961 and Rules of Collection of Statistics 1964 framed thereunder.

The coverage of the survey extended to all factories registered under the Factories Act, 1948. Data, however, were not collected from defence installations; factories engaged in storage and distribution of oil and technical training institutes not producing anything for sale or exchange even though these were registered under the Factories Act.

Since 1966 onwards ASI relates to the accounting year of the factories on any day between 1st April to 31st March of the next year. The Annual Survey of Industries upto 1965 related to the calendar year with the exception of sugar, cotton ginning and pressing factories and electrical undertakings for which the reference periods were respectively the year ending 30th June, 31st August and 31st March respectively.

Definition and concepts of some of the terms used in these tables are mentioned below:

**Productive capital-** It consists of fixed and working capital. The former comprises land, buildings, plant, machinery, furniture, etc., and the latter consists of stocks of materials; fuels; semi-manufactured products; cash-in-hand and at the bank etc.

**Number of persons engaged-** This is computed by taking the total attendance of persons in all the shifts on all the days and dividing it by the number of days worked. It includes persons attending and on leave with pay, and also those engaged in welfare activities. It also includes all working proprietors and their family members who are actively engaged in the work of the factory even without any pay and unpaid members of the cooperative societies who worked in or for the factory in any direct and productive capacity.

**Workers-** The term "workers" is used in the same sense as in the Factories Act, 1948, but excludes persons holding position of supervision or management or employed in a confidential position. Under the Factories Act, a worker has been defined as "a person employed whether for wages or not in any manufacturing process, or any other incidental or connected work".

## INDUSTRY

Table 39-ANNUAL SURVEY OF INDUSTRIES(FACTORY SECTOR)- 1985-86-contd.  
(Selected Characteristics by Industry)

Indu- stry code	Industry	No. of factories	Productive capital (Rs. lakhs)	Total persons engaged	Gross output ex-factory value(Rs. lakhs)	Value added by manufac- ture(Rs. lakhs)
1	2	3	4	5	6	7
274	Manufacture of wooden industrial goods such as bobbins, blocks, handles, saddlings etc.	204	609	3,158	1,389	304
275	Manufacture of cork and cork products	20	468	803	828	158
276	Manufacture of Wooden furniture and fixtures	309	1,879	8,099	3,815	807
277	Manufacture of bamboo and cane furniture and fixtures	-	-	-	-	-
279	Manufacture of Wood, Bamboo and cane Products n.e.c.	51	953	1,285	1,380	458
28	Manufacture of Paper & Paper Products, Printing and Publishing and allied Industries	4,870	211,427	281,821	320,521	63,417
280	Manufacture of pulp, paper and paper board including news print	802	130,055	102,897	168,358	23,810
281	Manufacture of containers and boxes of paper and paper board	702	9,553	19,439	29,452	3,330
282	Manufacture of pulp products n.e.c. like dolls	-	-	-	-	-
283	Manufacture of paper and paper board articles n.e.c.	159	1,758	4,393	5,681	1,634
284	Printing and publishing of newspaper	237	16,378	27,116	45,311	10,549
285	Printing and publishing of periodicals, books, journals, maps and sheet music directories etc.	1,151	21,827	73,138	31,780	12,252
286	Printing of bank notes, currency notes, postage stamps, security presses etc.	9	6,719	6,784	5,652	3,146
287	Engraving, etching, block making etc.	113	8,969	2,137	1,395	461
288	Book binding	154	693	2,907	2,562	404
289	Printing, publishing and allied activities, n.e.c. like envelope printing, picture post card printing, embossing etc.	1,543	15,475	43,010	30,331	7,830
29	Manufacture of Leather and Leather and Fur Products(except repair)	999	17,578	73,377	99,352	13,224
290	Tanning, curing, finishing, embossing and japanning of leather	701	10,328	38,175	65,789	6,048
291	Manufacture of footwear (excluding repair) except vulcanized or moulded rubber or plastic footwear	187	6,259	31,207	30,140	6,382
292	Manufacture of Wearing apparel like coats, gloves etc. of leather and substitutes of leather	57	613	2,408	2,283	436

## INDUSTRY

Table 39-ANNUAL SURVEY OF INDUSTRIES(FACTORY SECTOR)- 1985-86-contd.  
(Selected Characteristics by Industry )

Industry code	Industry	No. of factories	Productive capital (Rs. lakhs)	Total persons engaged	Gross output ex-factory value(Rs. lakhs)	Value added by manufacture(Rs. lakhs)
1	2	3	4	5	6	7
293	Manufacture of leather consumer goods (other than apparel and footwear)	38	189	1,257	738	268
294	Scraping, currying, tanning,bleaching and dyeing of fur and other pelts for the trade	-	-	-	-	-
295	Manufacture of wearing apparel of fur and pelts	-	-	-	-	-
296	Manufacture of fur and skin rugs and other articles	-	-	-	-	-
299	Manufacture of leather and fur products n.e.c.	16	189	330	402	90
30	Manufacture of Rubber, Plastic, Petroleum and Coal Products	3,958	415,570	191,418	1,493,579	185,881
300	Tyre and tube industries	305	60,284	36,438	147,792	31,839
301	Manufacture of footwear made primarily of vulcanized or moulded rubber	363	3,776	10,461	15,158	2,586
302	Manufacture of rubber products n.e.c.	957	17,941	37,962	50,748	10,447
303	Manufacture of plastic products n.e.c.(except house furnishing)	1,813	40,586	55,971	114,843	20,569
304	Petroleum refineries	15	248,720	15,963	1,002,494	111,591
305	Manufacture of products of petroleum n.e.c.	99	10,346	6,245	53,853	4,502
306	Production of coaltar in coke ovens	176	23,101	17,974	87,418	1,920
307	Manufacture of other coal and coal tar products n.e.c.	230	10,816	10,404	21,279	2,427
31	Manufactur of chemicals and chemical Products (except Products of Petroleum and coal	6,402	1,280,270	541,799	1,601,241	290,097
310	Manufacture of basic industrial organic and inorganic chemicals and gases	1,040	518,192	87,764	266,983	50,884
311	Manufacture of fertilisers and pesticides	546	390,594	79,986	393,463	59,189
312	Manufacture of paints, varnishes and lacquers	555	37,179	35,279	97,516	18,061
313	Manufacture of drugs and medicines	1,358	110,929	118,468	261,766	64,808
314	Manufacture of perfumes, cosmetics, lotions, hair dressing, tooth-paste, soap in any form, synthetic detergents, shampoos, shaving products, cleaners, washing and scouring products and other toilet preparations	620	45,313	43,112	155,656	25,466
315	Manufacture of inedible oils	665	28,858	35,502	126,320	7,515

## INDUSTRY

Table 39-ANNUAL SURVEY OF INDUSTRIES(FACTORY SECTOR)-- 1985-86-contd.  
(Selected Characteristics by Industry)

Industry code	Industry	No. of factories	Productive capital (Rs. lakhs)	No. of persons engaged	Gross output ex-factory value(Rs. lakhs)	Value added by manufacture(Rs. lakhs)
1	2	3	4	5	6	7
316	Manufacture of turpentine, synthetic resins, plastic materials and synthetic fibres like nylon, terylene except glass	243	91,307	40,140	173,389	38,303
317	Manufacture of matches	398	5,280	43,751	15,735	4,466
318	Manufacture of explosives and ammunition and fire works	217	11,513	24,183	18,484	5,191
319	Manufacture of chemical products n.e.c (including photo chemicals, sensitised film and paper)	759	41,099	33,614	91,930	16,213
32	Manufacture of Non-Metallic Mineral Products	8,515	339,747	435,954	451,164	111,761
320	Manufacture of structural clay products	3,421	43,266	170,045	53,577	15,534
321	Manufacture of glass and glass products	571	17,695	56,579	47,637	12,554
322	Manufacture of earthenware and earthen pottery	8	28	108	17	11
323	Manufacture of chinaware and porcelainware	567	15,199	30,714	15,635	3,324
324	Manufacture of cement, lime and plaster	468	205,235	76,280	238,718	57,585
325	Manufacture of mica products	182	2,043	6,041	3,996	656
326	Manufacture of structural stone goods, stone dressing and stone mashing and stoneware	1,541	9,173	26,929	10,213	2,341
327	Manufacture of earthen and plaster statues and other products	6	42	87	19	10
328	Manufacture of asbestos, cement and other cement products	124	13,392	12,342	24,997	5,177
329	Manufacture of misc.non-metallic mineral products n.e.c.	1,627	33,673	56,829	56,355	14,569
33	Basic Metal and Alloys Industries	6,077	1,080,137	602,858	1,431,846	235,610
330	Iron and steel industries	1,764	827,787	332,972	915,564	158,486
331	Foundries for casting and forging of iron and steel	3,337	136,895	204,525	323,434	57,811
332	Manufacture of ferro alloys	54	17,242	9,040	25,292	5,074
333	Copper manufacturing	144	16,663	9,796	28,068	1,642
334	Brass manufacturing	257	4,089	7,982	16,340	2,494
335	Aluminium manufacturing	331	51,379	26,699	89,760	6,840
336	Zinc manufacturing	46	20,077	6,343	19,858	1,351
339	Other non-ferrous metal industries	144	6,003	5,051	13,532	1,913
34	Manufacture of Metal Products and Parts except Machinery and Transport Equipment	6,307	91,890	194,564	235,135	52,596
340	Manufacture of fabricated metal products	1,816	28,766	62,850	91,755	16,506

## INDUSTRY

Table 39-ANNUAL SURVEY OF INDUSTRIES(FACTORY SECTOR)- 1985-86-contd.  
(Selected Characteristics by Industry)

Industry code	Industry	No. of factories	Productive capital (Rs. lakhs)	No. of persons engaged	Gross output ex-factory value(Rs. lakhs)	Value added by manufacture(Rs. lakhs)
1	2	3	4	5	6	7
341	Manufacture of structural metal products	725	12,998	30,184	27,581	8,476
342	Manufacture of Furniture and fixtures, primarily of metals	225	6,171	11,603	20,940	6,363
343	Manufacture of handtools and general hardware	1,481	24,902	48,406	47,293	12,018
344	Enamelling, japanning, lacquering, galvanising, plating and polishing of metal products	459	2,379	8,325	8,341	1,785
345	Manufacture of metal utensils, cutlery and kitchenware	1,329	8,572	22,642	20,667	3,309
349	Manufacture of metal products except machinery and transport equipment n.e.c.	272	8,104	10,554	18,557	4,139
35	Manufacture of Machinery, Machine Tools and Parts, except Electrical Machinery	7,648	365,741	448,468	689,066	186,269
350	Manufacture of agricultural machinery and equipment and parts	802	29,691	40,360	81,074	16,812
351	Manufacture and repair of drills, coal cutting machines, earth moving, lifting and hoisting machinery, cranes conveyors & road rollers & other heavy machinery & equipment used by construction & mining industries	256	29,584	22,465	37,399	11,141
352	Manufacture of Prime movers, boilers and steam generating plants such as diesel engines and parts	940	88,812	81,220	177,771	49,395
353	Industrial machinery for food and textile industries	1,296	58,477	65,882	78,676	19,047
354	Industrial machinery for other than food and textile industries	829	28,195	40,391	62,632	15,624
355	Manufacture of refrigerators, air conditioners and fire fighting equipment and other parts, components & accessories etc.	159	11,892	23,030	35,988	9,112
356	Manufacture, alteration, repair of general items of non-electrical machinery, components & accessories n.e.c.	868	65,795	71,593	116,895	30,744
357	Manufacture of machine tools, their parts and accessories	1,076	39,838	61,221	62,936	23,237
358	Manufacture of office computing and accounting machinery and accessories	153	3,754	8,869	8,912	3,694
359	Manufacture and repair of non-electrical machinery, equipment, components and accessories n.e.c.	1,269	9,703	33,437	26,782	7,463
36	Manufacture of Electrical Machinery, Apparatus, Appliances and Supplies and Parts	4,066	303,533	353,514	632,948	148,590

## INDUSTRY

Table 39-ANNUAL SURVEY OF INDUSTRIES(FACTORY SECTOR)- 1985-86-contd.  
(Selected Characteristics by Industry)

Industry code	Industry	No. of factories	Productive capital (Rs. lakhs)	No. of persons engaged	Gross output ex-factory value(Rs. lakhs)	Value added by manufacture(Rs. lakhs)
1	2	3	4	5	6	7
360	Manufacture of electrical industrial machinery and apparatus and parts	1,129	98,070	129,171	221,350	61,298
361	Manufacture of insulated wires and cables	424	42,780	33,997	108,965	12,979
362	Manufacture of dry & wet batteries	89	13,793	15,047	40,853	8,165
363	Manufacture of electrical appliances apparatus and parts	1,049	32,023	48,384	63,500	13,400
364	Manufacture of radios and television transmitting & receiving sets etc.	716	65,052	75,342	122,596	33,111
365	Manufacture and repair of radiographic, x-ray apparatus & tubes & parts	7	42	146	106	8
366	Manufacture of electronic computer, control instruments and other equipment	202	31,352	26,859	45,205	13,439
367	Manufacture of electronic components and accessories n.e.c.	225	16,406	13,150	14,955	3,001
369	Manufacture of electrical machinery, apparatus, appliances & supplies and Parts n.e.c.	225	4,013	11,418	15,418	3,190
37	Manufacture of Transport Equipment and Parts	3,267	359,765	477,092	636,496	152,262
370	Ship building and repairing	203	17,336	27,935	20,925	4,439
371	Manufacture of locomotives & parts	36	41,854	43,579	27,656	679
372	Manufacture of railway wagons, coaches and parts	146	28,416	132,510	66,508	28,301
373	Manufacture of other rail road equipment	56	2,536	7,986	4,932	1,578
374	Manufacture of motor vehicles and parts	1,594	179,928	178,931	368,709	91,198
375	Manufacture of motor cycles, scooters and parts	295	46,666	38,257	77,534	16,415
376	Manufacture of bicycles, cycle-rickshaws and parts	673	10,676	34,421	48,627	5,232
377	Manufacture of aircrafts and its parts	11	28,484	5,918	15,046	2,964
378	Bullock carts, push carts, hand carts etc.	13	169	223	145	25
379	Manufacture of transport equipment and parts n.e.c.	240	3,699	7,332	6,413	1,432
38	Other Manufacturing Industries	1,725	44,411	72,913	98,275	38,691
380	Manufacture of medical, surgical and scientific equipment	463	14,231	25,156	30,385	8,688
381	Manufacture of photo graphic and optical goods (excluding photo chemicals, sensitised film & paper)	83	979	1,942	3,045	588
382	Manufacture of watches and clocks	223	15,767	14,821	15,843	5,354
383	Manufacture of jewellery and related articles	206	1,627	5,274	7,674	1,603
384	Minting of coins	5	5,516	5,540	19,971	16,287



## INDUSTRY

Table 39-ANNUAL SURVEY OF INDUSTRIES(FACTORY SECTOR)- 1985-86-concl'd.  
(Selected Characteristics by Industry)

Industry code	Industry	No. of factories	Productive capital (Rs. lakhs)	No. of persons engaged	Gross output ex-factory value(Rs. lakhs)	Value added by manufacture(Rs. lakhs)
1	2	3	4	5	6	7
385	Manufacture of sports and athletic goods	66	593	2,520	2,226	492
386	Manufacture of musical instruments	15	139	362	191	58
387	Manufacture of stationery articles like fountainpens,pens,pencils, etc. n.e.c.	290	3,249	8,552	11,472	4,119
389	Manufacture of miscellaneous n.e.c.	374	2,311	8,746	7,468	1,503
40	Electricity	174	2,719,734	786,530	981,429	305,107
400	Generation and transmission of electrical energy and its distribution	174	2,719,734	786,530	981,429	305,107
41	Gas and steam	82	8,878	4,060	12,975	304
410	Manufacture of gas in gas works and distribution	82	8,878	4,060	12,975	304
42	Water Works and Supply	193	9,998	11,018	12,822	1,955
420	Water supply i.e. collection, purification and distribution of water	193	9,998	11,018	12,822	1,955
74	Storage and Ware Housing	794	10,030	15,892	8,314	2,804
741	Cold Storage	794	10,030	15,892	8,314	2,804
97	Repair Services	2,865	42,767	187,755	77,638	31,027
971	Repair of foot wear and other leather goods	6	4	96	19	(-)1
972	Electrical repair shops	66	1,144	3,035	1,137	525
973	Repair of motor vehicles and motor cycles	2,552	35,042	160,302	67,026	26,684
974	Repair of watches,clocks and jewellery	14	13	262	71	46
975	Repair of bicycles and cycle rickshaws	-	-	-	-	-
979	Repair of enterprises n.e.c.	227	6,564	24,060	9,384	3,774

Note: Industry groups with number of factories less than three have been clubbed and as such the aggregation to two digit level may not tally with the figures given for two digit industry groups.

## INDUSTRY

TABLE 40-MILL PRODUCTION OF COTTON YARN (1)

(tonnes)

Year/State	1's-10's	11's-20's	21's-30's	31's-40's	Above 40's	Total
1	2	3	4	5	6	7
1951 . . . . .	42,594	283,587	204,952 (a)	..	60,298	591,431
1956 . . . . .	77,007	324,845	210,520	99,329	46,357	758,058
1961 . . . . .	87,391	295,673	273,962	145,555	59,713	862,294
1966 . . . . .	102,616	274,124	263,766	159,074	101,400	900,980
1971 . . . . .	103,533	224,332	252,876	177,165	123,084	880,990
1976 . . . . .	113,449	321,876	257,054	193,608	119,938	1,005,925
1981 . . . . .	109,212	264,948	268,291	249,190	123,250	1,014,891
1986 . . . . .	135,291	319,526	271,315	324,460	206,616	1,257,208
1987 . . . . .	143,806	340,579	291,384	348,660	223,318	1,347,747
1988 . . . . .	138,379	327,725	280,389	335,507	214,895	1,296,895
1988						
State:						
Andhra Pradesh	6,070	14,375	12,299	14,717	9,426	56,887
Assam	475	1,124	961	1,151	737	4,448
Bihar	566	1,341	1,147	1,372	879	5,305
Gujarat	11,641	27,570	23,589	28,225	18,078	109,103
Haryana	2,198	5,207	4,455	5,330	3,414	20,604
Himachal Pradesh	289	683	585	699	448	2,704
Jammu & Kashmir	425	1,005	861	1,030	660	3,981
Karnataka	6,121	14,497	12,402	14,838	9,505	57,363
Kerala	2,499	5,919	5,064	6,060	3,882	23,424
Madhya Pradesh	4,423	10,475	8,962	10,724	6,869	41,453
Maharashtra	25,810	61,126	52,297	62,578	40,082	241,893
Manipur	22	51	44	53	33	203
Orissa	1,795	4,252	3,638	4,353	2,788	16,826
Punjab	7,327	17,352	14,846	17,764	11,377	68,666
Rajasthan	5,110	12,103	10,354	12,390	7,936	47,893
Tamil Nadu	42,292	100,160	85,693	102,541	65,677	396,363
Uttar Pradesh	12,271	29,062	24,864	29,752	19,057	115,006
West Bengal	5,394	12,775	10,930	13,078	8,377	50,554
Union Territory:						
Delhi	1,312	3,108	2,659	3,181	2,038	12,298
Goa Daman & Diu	-	-	-	-	-	-
Pondicherry	2,339	5,540	4,739	5,671	3,632	21,921

Source: Office of the Textile Commissioner,  
Ministry of Textiles

(1) Under Cotton Textile (Control) Order 1948.

(a) Includes figure for 31's-40's also.

## INDUSTRY

Table 41-PRODUCTION OF COTTON CLOTH(1)  
(BY CATEGORIES)

Year/State	Coarse		Medium		Fine	
	Tonnes	Metres ( '000)	Tonnes	Metres ( '000)	Tonnes	Metres ( '000)
1	2	3	4	5	6	7
1951	64,178	332,399	247,240	1,902,736	109,111	1,232,562
1956	122,434	657,131	369,003	3,471,619	34,762	406,024
1961	152,191	790,162	380,945	3,513,909	19,053	179,325
1966	146,824	719,592	339,671	2,992,447	25,081	208,867
1971	105,701	502,543	320,068	2,791,062	30,948	247,368
1976	127,782	553,407	366,666	2,918,123	16,731	163,424
1981	88,394	348,070	325,654	2,630,276	4,558	46,764
1986(P)	..	483,600	..	1,891,200	..	48,000
1987(P)	..	450,020	..	1,757,857	..	44,079
1988(P)	..	215,784	..	1,729,382	..	49,127
1988						
State:						
Andhra Pradesh	..	915	..	7,332	..	209
Bihar	..	141	..	1,128	..	32
Gujarat	..	49,030	..	392,948	..	11,162
Karnataka	..	7,440	..	59,629	..	1,695
Kerala	..	1,678	..	13,451	..	382
Madhya Pradesh	..	17,603	..	141,077	..	4,007
Maharashtra	..	86,170	..	690,602	..	19,618
Orissa	..	2,498	..	20,024	..	569
Punjab	..	1,943	..	15,570	..	442
Rajasthan	..	3,433	..	27,512	..	781
Tamil Nadu	..	13,732	..	110,052	..	3,126
Uttar Pradesh	..	14,096	..	112,968	..	3,208
West Bengal	..	7,140	..	57,222	..	1,626
Union Territory:						
Delhi	..	3,822	..	30,635	..	871
Pondicherry	..	6,143	..	49,232	..	1,399

Source: Office of The Textile Commissioner,  
Ministry of Textiles

(1) Under Cotton Textile (Control) Order 1948.

## INDUSTRY

Table 41-PRODUCTION OF COTTON CLOTH(1)-contd.

(BY CATEGORIES)

Year/State	Superfine		Total mill cloth		Total decentralised sector	Grand Total
	Tonnes	Metres ('000)	Tonnes	Metres ('000)	Metres ('000)	Metres ('000)
1	8	9	10	11	12	13
1951	15,598	259,567	436,127	3,727,264	1,013,000	4,740,264
1956	18,168	317,566	544,367	4,852,340	1,663,000	6,515,340
1961	13,336	218,046	565,525	4,701,442	2,372,000	7,073,442
1966	20,597	317,977	532,173	4,238,883	3,097,000	7,335,883
1971	29,902	415,815	486,619	3,956,788	3,399,000	7,355,788
1976	18,245	246,006	529,424	3,880,960	4,064,460	7,945,420
1981	9,546	121,486	428,152	3,146,596	4,973,330	8,119,926
1986(P)	..	60,000	..	2,482,800	6,811,200	9,294,000
1987(P)	..	55,849	..	2,307,805	7,308,740	9,616,545
1988(P)	..	78,560	..	2,072,853	7,033,060	9,105,913
1988						
State:						
Andhra Pradesh	..	333	..	8,789	..	..
Bihar	..	51	..	1,352	..	..
Gujarat	..	17,851	..	470,991	..	..
Karnataka	..	2,708	..	71,472	..	..
Kerala	..	611	..	16,122	..	..
Madhya Pradesh	..	6,409	..	169,096	..	..
Maharashtra	..	31,372	..	827,762	..	..
Orissa	..	910	..	24,001	..	..
Punjab	..	707	..	18,662	..	..
Rajasthan	..	1,250	..	32,976	..	..
Tamil Nadu	..	4,999	..	131,909	..	..
Uttar Pradesh	..	5,132	..	135,404	..	..
West Bengal	..	2,599	..	68,587	..	..
Union Territory:						
Delhi	..	1,392	..	36,720	..	..
Pondicherry	..	2,236	..	59,010	..	..

(1) Under Cotton Textile (Control) Order 1948.

Note: Statewise break up for decentralised sector is not available.

## INDUSTRY

Table 42 PRODUCTION OF MAN-MADE FIBRE FABRICS

(BY CATEGORIES)

('000 meters)

Year								By powerlooms & handlooms	By textile mills	Total
1								2	3	4
1951	.	.	.	.	.	.	.	286,512	12,975	299,487
1956	.	.	.	.	.	.	.	429,991	6,201	436,192
1961	.	.	.	.	.	.	.	570,090	2,070	572,160
1966	.	.	.	.	.	.	.	839,984	12,577	852,561
1971	.	.	.	.	.	.	.	971,530	1,700	973,230
1976	.	.	.	.	.	.	.	987,383	1,410	988,793
1981	.	.	.	.	.	.	.	1,457,889	7,125	1,465,014
1986	.	.	.	.	.	.	.	2,061,000	5,292	2,066,292
1987	.	.	.	.	.	.	.	2,148,564	4,996	2,153,560
1988	.	.	.	.	.	.	.	2,693,258	4,876	2,698,134

Source: Office of The Textile Commissioner,  
Ministry of Textiles

## INDUSTRY

Table 43- PRODUCTION OF SELECTED INDUSTRIES

Industry	Unit (a)	1951		1961		1968		1971-72	
		Insta- lled capa- city	Produ- ction	Insta- lled capa- city	Produ- ction	Insta- lled capa- city	Produ- ction	Insta- lled capa- city	Produ- ction
1	2	3	4	5	6	7	8	9	10
<b>A. Mining and quarrying-</b>									
Coal	('000 tonnes)	..	34,858	..	56,085	..	67,974	..	74,869
Iron ore	('000 tonnes)	..	3,718	..	8,705	..	26,733	..	22,692
<b>B. Manufacturing-</b>									
<b>I. Food manufacturing Industries</b>									
except beverages									
Wheat flour(1)	('000 tonnes)	1,270	493	1,867	1,002	2,848	1,842	4,472	2,661
Sugar(2)	('000 tonnes)	1,524	1,518	2,246	3,029	3,378	3,360	..	..
Salt	('000 tonnes)	..	2,776	..	3,481	..	4,521	..	5,744
Coffee(3)	('000 tonnes)	..	18.4	..	65.7	..	69.0	113.2	95.6
Tea	('000 tonnes)	..	285.4	..	354.4	..	364.6	..	432.8
Vegetable oil products (Vanaspathi)	('000 tonnes)	331	175	561	339	584	358	1,082	594
<b>II. Beverage Industries:</b>									
Beer and ale	(lakhs, bulk litres)	-	-	136	106	210	186	380	386
<b>III. Tobacco manufactures:</b>									
Cigarettes	crore nos.	3,000	2,145	2,425	3,947	5,609	5,823	5,640	6,735
<b>IV. Manufacture of textiles:</b>									
<b>Cotton</b>									
(a) Yarn ('000 Spindles)	('000 tonnes)	..	591.5	103,956	862.3	193,416	901.0	217,368	201.6
(b) Cloth (4)	lakh metres	..	37,273	2,388	47,014	2,508	42,389	2,496	75,468
('000 looms)									
Jute manufactures(5)	('000 tonnes)	..	889	..	997	..	1,120	..	1,274
('000 looms)									
(a) Hessian(6)	('000 tonnes)	..	327	..	350	..	505	..	347
(b) Sacking	('000 tonnes)	..	529	..	484	..	616	..	561
(c) Other Jute manufactures	('000 tonnes)	..	33	..	131	..	288	..	366
<b>Woollen manufactures</b>									
(a) Woollen worsted fabrics(7)									
(i) Wearable(8)	('000 metres)	..	..	24,000	6,650	30,036	9,389	..	29,136
(ii) Non-wearable(8)	tonnes	..	..	..	2,321	..	4,140	..	4,405
(iii) Hosiery(8)	tonnes	..	..	..	228	..	204	..	2,438
(b) Woollen worsted yarn(8)	tonnes	..	..	2,340	14,940	2,736	16,594	..	42,689
('000 spindles)									
Cotton and hair belting	tonnes	1,238	686	1,176	664	1,380	454	216	43

Source: Central Statistical Organisation

- (1) Figures represent the production of only large flour mills.  
 (2) Figures of cane sugar refer to crop year (Nov.-Oct.), prior to 1980-81 thereafter data relate to changed crop year (Oct.-Sept.).  
 (3) Total output of coffee cured, pounded and delivered to the coffee pool.  
 (4) Data from 1971-72 include decentralised sector also.  
 (5) Source for the data upto 1973 was Indian Jute Mill Association and that from 1974 onwards Jute Commission.  
 (6) Includes canvas.  
 (7) The installed capacity refers to powerloom installed.  
 (8) From 1971 onwards production figures relate to annual estimate report based on availability of indigenous imported raw materials.  
 (a) Unit refers both installed capacity and production unless former is specified in column (1).  
 Note: Data from 1981-82 onwards are provisional.

## INDUSTRY

Table 43- PRODUCTION OF SELECTED INDUSTRIES-contd.

Industry	Unit (Q)	1976-77		1981-82		1986-87		1987-88	
		Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction
1	2	11	12	13	14	15	16	17	18
A.Mining and quarrying-									
Coal	('000 tonnes)	..	101,064	..	124,200	..	166,108	..	179,211
Iron ore	('000 tonnes)	..	43,884	..	40,320	..	49,457	..	49,150
B.Manufacturing									
I. Food manufacturing Industries except beverages									
Wheat flour(1)	('000 tonnes)	4,993	1,818	..	2,396	..	3,779	..	3,486
Sugar(2)	('000 tonnes)	..	..	..	8,451	..	8,473	..	9,102
Salt	('000 tonnes)	..	5,045	..	8,341	..	9,571	..	9,827
Coffee(3)	('000 tonnes)	..	89.4	..	136.4	..	166.2	..	164.2
Tea	('000 tonnes)	..	510.4	..	551.6	..	621.6	..	689.4
Vegetable oil products (Vanaspati)	('000 tonnes)	1,290	541	..	865	..	923	..	980
II.Beverage Industries:									
Beer and ale	(lakhs,bulk litres)	1,057	892	1,092	1,619	..	1,866	..	1,487
III.Tobacco manufactures:									
Cigarettes	crore nos.	7,550	6,768	..	9,100	..	7,191	..	6,184
IV.Manufacture of textiles:									
Cotton									
(a) Yarn('000 Spindles)	('000 tonnes)	236,088	1,055.5	263,208	1,093.0	..	1,527.8	..	1,554.9
(b) Cloth (4)	(lakh metres)	2,484	83,879	2,520	89,031	..	109,680	..	120,434
( '000 looms)									
Jute manufactures(5)	('000 tonnes)	..	1,074	..	1,334	..	1,394	..	1,191
( '000 looms)									
(a) Hessian(6)	('000 tonnes)	..	320	..	349	..	349	..	316
(b) Sacking	('000 tonnes)	..	534	..	725	..	831	..	678
(c) Other Jute manufactures	('000 tonnes)	..	220	..	260	..	214	..	197
Woollen manufactures									
(a) Woollen worsted fabrics(7)									
(i) Wearable(8)	('000 metres)	-	-	-	-	..	..	..	..
(ii) Non-wearable(8)	tonnes	-	-	-	-	..	..	..	..
(iii) Hosiery(8)	tonnes	..	..	..	..	..	..	..	..
(b) Woollen worsted yarn(8)	tonnes	..	..	..	..	..	..	..	..
( '000 Spindles)									
Cotton and hair belting	tonnes	216	33	..	22	..	..	..	..

\* Excludes the production of Decentralised sector which is not available.

Please see other foot notes on page 115 ante.

## INDUSTRY

Table 43- PRODUCTION OF SELECTED INDUSTRIES-contd.

Industry	Unit (e)	1951		1961		1966		1971-72	
		Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction
1	2	3	4	5	6	7	8	9	10
V.Manufacture of footwear, other wearing apparels and made up textile goods.									
Foot-wear-									
(a) Western leather	'000 pairs	4,724	3,641	5,975	6,224	8,524	10,114	13,836	8,318
(b) Indigenous	'000 pairs	..	2,074	..	4,414	..	6,743	..	7,842
VI.Manufacture of wood and cork except manufacture of furniture									
Ply-wood(1)									
(a) Tea chests	'000 sq.metres	13,935	5,634	13,056	9,036	13,080	9,660	..	4,686
(b) Commercial	'000 sq.metres	..	948	..	6,312	..	12,667	..	24,310
VII.Manufacture of paper products									
Paper and paper boards	tonnes	139,202	134,027	409,992	363,912	643,872	585,082	900,000	801,360
(a) Printing	tonnes	..	80,532	..	229,548	..	381,245	..	474,147
(b) Wrapping	tonnes	..	25,896	..	59,856	..	99,916	..	167,741
(c) Special varieties	tonnes	..	3,770	..	8,976	..	6,462	..	30,418
(d) Board	tonnes	..	24,433	..	65,532	..	97,459	..	129,054
VIII.Manufacture of leather and leather products except footwear									
Tanned hides									
(a) Chrome tanned	'000 nos.	1,976	879	1,680	786	1,580	910	2,141	1,176
(b) Vegetable tanned buffalo and cow hide(expressed in of cow hides)terms	'000 nos.	3,185	1,704	4,422	2,205	4,829	3,317	2,166	922
Leather cloth	'000 metres	6,885	1,755	7,132	7,010	12,552	11,920	12,444	10,756
IX.Manufacture of rubber products									
Footwear (rubber)	lakh pairs	292	231	326	451	569	522	620	452
Dipped rubber goods (Tots, balloon, nipples, valves, tests, etc.)	lakh doz.	203	110	454	256	290	184	185	75
Tyres-									
(a) Automobile	'000 nos.	864	870	1,506	1,562	2,608	2,350	3,850	4,330
(b) Cycle	'000 nos.	5,984	3,941	16,920	11,346	19,410	19,639	31,824	22,740
(c) Tractor	nos.	9,804	3,852	45,240	48,456	108,000	90,223	159,996	247,507
(d) Aero	nos.	8,100	2,472	3,600	2,652	12,000	12,478	12,000	15,627
(e) Cab	'000 metres	574	114	380	3	46	9	20	3
Tubes-									
(a) Automobiles	'000 nos.	864	821	1,532	1,484	2,620	2,208	3,850	4,196
(b) Cycle	'000 nos.	7,130	4,897	16,992	12,848	20,980	20,449	22,956	14,495
(c) Tractor	nos.	9,804	5,484	51,840	53,724	109,992	80,878	165,000	230,337
(d) Aero	nos.	8,100	996	1,800	2,148	5,004	1,490	5,004	3,545

(1) Total capacity for tea-chests and commercial.

e Unit refers to both installed capacity and production unless former is specified in column(1).



## INDUSTRY

Table 43- PRODUCTION OF SELECTED INDUSTRIES-contd.

Industry	Unit (E)	1976-77		1981-82		1986-87		1987-88	
		Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction
1	2	11	12	13	14	15	16	17	18
V. Manufacture of footwear, other wearing apparels and made up textile goods.									
Foot-wear-									
(a) Western leather	'000 pairs	13,560	8,765	13,195	8,028	..	7,168	..	8,749
(b) Indigenous	'000 pairs	9,444	6,948	6,800	8,408	..	186,221	..	180,249
VI. Manufacture of wood and cork except manufacture furniture.									
Ply-wood(1)									
(a) Tea chests	000 sq.mts	56,076	2,265	..	742	..	..	..	..
(b) Commercial	000 sq.mts	..	33,978	..	51,375	..	82,949	..	54,044
VII. Manufacture of paper products.									
Paper and paper boards	tonnes	1,137,000	888,224	1,816,550	1,218,127	..	1,870,234	..	1,997,436
(a) Printing	tonnes	..	526,877	..	721,873	..	933,824	..	..
(b) Wrapping	tonnes	..	207,397	..	284,184	..	367,643	..	..
(c) Special varieties	tonnes	..	7,851	..	4,630	..	5,990	..	..
(d) Board	tonnes	..	146,099	..	207,440	..	268,354	..	..
VIII. Manufacture of leather and leather products except footwear.									
Tanned hides									
(a) Chrome tanned	'000 nos.	3,180	1,519	8,536	5,725	..	..	..	..
(b) Vegetable tanned buffalo and cow hide(expressed in terms of hides)	'000 nos.	2,212	934	996	420	..	..	..	..
Leather cloth	'000 mts	32,040	13,850	42,450	21,112	..	17,736	..	19,388
IX. Manufacture of rubber products.									
Footwear(rubber)	lakh pairs	558	423	549	377	..	418	..	411
Dipped rubber goods (Toys, balloon, nipples, valves, tests, etc.)	lakh doz.	..	..	..	..	..	..	..	..
Tyres-									
(a) Automobile	'000 nos.	5,188	5,402	9,479	7,811	..	11,393	..	10,059
(b) Cycle	'000 nos.	34,188	22,860	34,297	26,053	..	29,720	..	23,550
(c) Tractor	nos.	159,600	439,000	..	1,125,000	..	1,181,600	..	1,255,570
(d) Aero	nos.	12,000	15,141	..	26,639	..	27,061	..	29,747
(e) Cab	'000 mts	..	..	..	..	..	..	..	..
Tubes-									
(a) Automobiles	'000 nos.	5,182	4,890	10,937	6,763	..	9,624	..	8,824
(b) Cycle	'000 nos.	29,780	15,920	31,226	12,572	..	14,720	..	7,902
(c) Tractor	nos.	165,600	398,043	..	966,365	..	819,960	..	883,820
(d) Aero	nos.	5,004	4,109	..	2,340	..	..	..	..

(1) Total capacity for tea-chests and commercial.

(E) Estimated.

\* Includes O.T.R. Tyres from January 1987.

9 Unit refers to both installed capacity and production unless former is specified in column(1).

## INDUSTRY

Table 43- PRODUCTION OF SELECTED INDUSTRIES-contd.

Industry	Unit (•)	1951		1961		1966		1971-72	
		Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction
1	2	3	4	5	6	7	8	9	10
<b>IX. Manufacture of rubber products-contd.</b>									
<b>Hoses</b>									
(a) Radiator hoses	'000 nos.	580	221	556	250	508	524	523	505
(b) Vacuum brake hoses	'000 nos.	592	472	1,080	725	1,520	566	1150	1230
(c) Other types of rubber hoses	'000 mts.	1,086	1,059	3,280	4,632	7,432	6,708	7,840	4,214
<b>Belting</b>									
(a) Fan belts	'000 nos.	276	289	1,379	1,076	3,800	1,707	5,260	2,372
(b) Rubber ply transmission and conveyor belting	tonnes	..	..	3,096	3,384	6,192	6,091	7,296	6,243
<b>Rubber component of railway (fittings springs and compounds)</b>									
	'000 nos.	930	748	1,536	1,078	1,400	523	690	119
<b>Ebonite sheets, rods and tubes</b>									
	tonnes	297	95	526	167	170	109	37	2
<b>Water proof fabrics</b>									
	'000 mts	4,993	1,442	6,020	4,732	5,340	3,798	4,915	3,447
<b>Latex foam sponge</b>									
	tonnes	342	214	1,219	1,517	1,115	1,051	1,022	1,189
<b>X. Manufacture of chemicals and chemical products</b>									
<b>Sulphuric acid</b>									
	tonnes	204,541	108,846	563,868	422,496	1,338,136	689,738	1,963,200	1,294,729
<b>Caustic soda</b>									
	tonnes	27,996	14,964	124,400	119,856	313,268	230,459	394,800	382,300
<b>Soda ash</b>									
	tonnes	54,864	48,288	91,440	176,646	312,796	349,670	470,796	488,938
<b>Chlorine liquid</b>									
	tonnes	13,284	5,352	33,672	33,924	133,944	62,384	231,876	159,686
<b>Bleaching powder</b>									
	tonnes	7,920	3,648	23,544	7,128	18,960	10,809	25,800	17,292
<b>Bichromates</b>									
	tonnes	5,640	3,324	6,960	5,244	8,112	7,122	8,040	7,658
<b>Phosphatic fertilizers</b>									
<b>'P2 O2' content</b>									
	'000 tonnes	..	..	70.7	64.6	230.4	137.6	472.4	258.0
<b>Superphosphate 'P2 O2' content</b>									
	tonnes	29,474	10,332	70,740	62,040	154,556	118,729	198,488	122,969
<b>Nitrophosphate 'P2 O2' content</b>									
	tonnes	..	..	..	..	16100	6924	194004	100440
<b>Nitrogenous fertilisers</b>									
<b>'N' content</b>									
	'000 tonnes	..	..	305.5	135.2	403.4	264.8	1533.9	896.0
<b>Urea 'N' content</b>									
	'000 tonnes	..	..	..	6	55	40	860	525
<b>Nitrophosphate 'N' content</b>									
	tonnes	..	..	..	..	41,200	8,520	177,000	100,425
<b>Ammonium sulphate 'N' content</b>									
	'000 tonnes	87	11	95	79	120	85	194	127
<b>Copper sulphate</b>									
	tonnes	1,756	512	5,376	4,344	1,340	3,794	3,336	2,438
<b>Sodium sulphide</b>									
	tonnes	..	1,963	9,216	2,604	7,212	3,694	6,012	1,395
<b>Zinc oxide</b>									
	tonnes	..	..	18,240	7,944	14,000	5,857	20,160	5,782
<b>Paints &amp; varnishes</b>									
	tonnes	65,844	34,023	86,400	59,088	104,960	67,236	103,392	67,020
<b>Matches</b>									
	cror. sticks	..	..	39,960	28,122	34,868	27,426	21,436	22,906
<b>Soap (1)</b>									
	tonnes	195,072	84,775	257,228	149,004	231,800	181,000	214,800	278,894
<b>Glue</b>									
	Tonnes	914	717	2,836	1,855	1,168	2,576	2,820	2,713
<b>Welding gases-</b>									
<b>(i) Oxygen</b>									
	lakh cu.mts	70	41	313	242	446	314	625	563
<b>(ii) Acetylene</b>									
	lakh cu.mts	18	8	44	29	103	54	116	63

(1) Produced by organised sector.

## INDUSTRY

Table 43- PRODUCTION OF SELECTED INDUSTRIES-contd.

Industry	Unit (@)	1976-77		1981-82		1986-87		1987-88	
		Insta- lled capacity	Produ- tion	Insta- lled capacity	Produ- ction	Insta- lled capac- ity	Produ- ction	Insta- lled capac- ity	Produ- ction
1	2	11	12	13	14	15	16	17	18
IX. Manufacture of rubber products-contd.									
Hoses									
(a) Radiator hoses	'000 nos.	523	590	523	276	..	..	..	..
(b) Vacuum brake hoses	'000 nos.	1,150	816	1,150	962	..	..	..	..
(c) Other types of rubber hoses	'000 mts.	7,900	4,586	11,729	6,903	..	4830	..	2,006
Belting									
(a) Fan belts	'000 nos.	5,452	2,450	12,620	10,828	..	13655	..	9,618
(b) Rubber ply transmission and conveyor belting	tonnes	9,480	7,032	13,935	7,463	..	7618	..	9,111
Rubber component of railway (fittings springs and compounds)	'000 nos.	..	..	..	..	..	..	..	..
Ebonite sheets, rods and tubes	tonnes	..	..	..	..	..	..	..	..
Water proof fabrics	'000 mts	4,915	2,538	..	1,718	..	..	..	..
Latex foam sponge	tonnes	..	..	..	..	..	..	..	..
X.-Manufacture of chemicals and chemical products									
Sulphuric acid	tonnes	3,032,400	1,713,101	3,840,000	2,307,723	..	3,014,134	..	3,201,505
Caustic soda	tonnes	690,000	505,600	813,744	612,500	..	763,600	..	957,540
Soda ash	tonnes	633,000	568,191	680,004	629,908	..	911,600	..	955,510
Chlorine liquid	tonnes	422,400	183,927	492,132	244,789	..	311,760	..	328,576
Bleaching powder	tonnes	31,800	24,559	50,796	35,577	..	..	..	..
Bichromates	tonnes	13,320	7,607	..	4,532	..	..	..	..
Phosphatic fertilizers									
'P2 O2' content	'000 tonnes	708.0	463.0	1,572.0	948.0	..	1,619.2	..	1,714.9
Superphosphate 'P2 O2' content	tonnes	..	..	..	..	..	..	..	..
Nitrophosphate 'P2 O2' content	tonnes	..	..	..	..	..	..	..	..
Nitrogenous fertilisers									
'N' content	'000 tonnes	2,508.0	1,836.0	5,628.0	3,144.0	..	5,447.0	..	5,762.8
Urea 'N' content	'000 tonnes	..	..	..	..	..	..	..	..
Nitrophosphate 'N' content	tonnes	..	..	..	..	..	..	..	..
Ammonium sulphate 'N' content	'000 tonnes	..	..	..	..	..	..	..	..
Copper sulphate	tonnes	..	..	..	..	..	..	..	..
Sodium sulphide	tonnes	..	..	..	..	..	..	..	..
Zinc oxide	tonnes	22,200	4,636	24,324	4,509	..	..	..	..
Paints & varnishes	tonnes	109,280	73,773	149,592	97,133	..	211,794	..	319,585
Matches	crore sticks	24,960	19,856	25,000	21,837	..	288,782	..	270,728
Soap(1)	tonnes	225,600	281,600	235,829	331,900	..	1,531,004	..	1,506,450
Glue	Tonnes	3,324	2,142	4,224	1,956	..	1,625	..	1,731
Welding gases-									
(i) Oxygen	lakh cu.mts	1,403	742	1,412	1,030	..	1,428	..	1,181
(ii) Acetylene	lakh cu.mts	156	87	207	102	..	106	..	119

(1) Produced by organised sector.

## INDUSTRY

Table 43- PRODUCTION OF SELECTED INDUSTRIES-contd.

Industry	Unit (θ)	1951		1961		1966		1971-72	
		Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction
1	2	3	4	5	6	7	8	9	10
<b>X.Manufacture of chemicals and chemical products-contd.</b>									
Glycerine (refined)	tonnes	3,219	2,468	7,824	6,144	13,440	7,879	14,928	9,508
Rayon-									
(a) Viscose yarn	tonnes	3,292	2,078	25,380	21,480	34,524	33,628	34,704	37,838
(b) Staple fibre	tonnes	..	..	25,200	26,004	25,200	42,493	72,000	62,367
(c) Acetate yarn	tonnes	..	..	1,800	2,040	2,004	1,572	1,800	1,987
Moulding powder	tonnes	..	..	..	11,832	22,531	24,872	38,772	42,008
Resins	tonnes	..	..	..	2,268	15,060	14,484	55,464	47,328
Phenol formaldehyde moulding powder	tonnes	457	308	2,658	2,111	4,512	2,823	2,604	2,463
Liver extract									
(a) Injection	'000 c.c	23,760	10,683	67,428	45,360	67,428	45,472	67,428	24,410
(b) Oral	tonnes	653	148	814	155	814	181	814	163
Penicillin	M.M.U.	..	..	..	50.4	115	126.4	299	236.8
Aspirin	tonnes	..	..	..	128.4	..	444.8	1,308	925.2
Streptomycin	tonnes	..	..	..	..	..	104.4	205.2	182.8
Vitamin	tonnes	..	..	..	..	..	132.0	180	201.6
Synthetic detergent	tonnes	..	..	7,320	2,388	15,204	8,688	47,520	57,051
<b>XI.Manufacture of petroleum products</b>									
Petroleum products total	'000 tonnes	..	252	..	6,090	..	11,256	..	18,641
<b>XII.Manufacture of non-metallic mineral products except products of petroleum and coal</b>									
Glass and glass-ware									
(a) Sheet glass	'000 sq.mts	1,895	1,030	11,232	6,780	18,940	12,024	21,600	19,369
(b) Laboratory glass	tonnes	6,169	2,010	9,240	3,576	15,084	7,246	12,000	2,740
(c) Glass shells	lakh pieces	198	114	432	623	944	799	4,410	1,552
(d) Other glass-ware	tonnes	188,070	91,773	332,952	176,628	375,984	211,699	225,600	188,826
Cement	'000 tonnes	3,613	3,246	9,474	8,245	12,497	11,058	18,492	15,041
Ceramics									
(a) White-ware	tonnes	16,801	9,342	40,272	20,892	39,756	15,450	25,344	10,181
(b) Sanitary wares	tonnes	1,743	657	9,036	6,744	15,192	11,270	17,076	15,014
(c) Stone-ware	'000 tonnes	50	30	85	70	91	75	79	48
(d) Glazed tiles	tonnes	2,280	1,416	5,340	4,680	7,980	7,572	21,120	21,746
(e) Refractories	'000 tonnes	295	242	803	626	1,239	716	1,138	800
(f) Insulators									
(i) High tension	tonnes	512	245	5,208	3,353	13,284	8,222	20,556	18,980
(ii) Low tension	tonnes	6,071	1,433	8,772	5,392	10,776	1,830	8,796	1,219
Coated abrasives	'000 reams	80	37	200	149	372	147	272	194
Asbestos (cement sheets)	'000 tonnes	119	84	246	214	416	294	562	382

## INDUSTRY

Table 43- PRODUCTION OF SELECTED INDUSTRIES-contd.

Industry	Unit (€)	1976-77		1981-82		1986-87		1987-88	
		Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction
1	2	11	12	13	14	15	16	17	18
X.Manufacture of chemicals and chemical products-contd.									
Glycerine (refined)	tonnes	20,196	9,296	18,588	13,571	..	10201	..	14,199
Rayon-									
(a) Viscose yarn	tonnes	39,996	41,160	..	41,507	..	44,758	..	57,314
(b) Staple fibre	tonnes	88,992	83,855	..	83,868	..	93,650	..	118,005
(c) Acetate yarn	tonnes	2,304	2,239	..	2,135	..	..	..	..
Moulding powder +	tonnes	59,880	66,458	64,500	136,692	..	145,127	..	..
Resins	tonnes	78,216	48,574	92,200	39,637	..	114,105	..	132,727
Phenol formaldehyde moulding powder	tonnes	6,204	3,539	8,000	3,769	..	..	..	5,350
Liver extract									
(a) Injection	'000 c.c	303,240	37,256	..	10,751	..	..	..	..
(b) Oral	tonnes	..	63	..	57	..	..	..	..
Penicillin	M.M.U.	364	276.1	244.0	374.1	..	350.8	..	623.0
Aspirin	tonnes	1,360	1,122.8	1,360.0	810.4	..	..	..	..
Streptomycin	tonnes	256.8	228.7	257.0	237.6	..	199.7	..	247.6
Vitamin	tonnes	245.0	369.2	..	766.1	..	730.5	..	807.2
Synthetic detergent	tonnes	155,004	87,387	..	157,261	..	195,226	..	171,477
XI.Manufacture of petroleum products									
Petroleum products total	'000 tonnes	..	21,612	453,600	28,203	..	42,481	..	45,521
XII.Manufacture of non-metallic mineral products except products of petroleum and coal									
Glass and glass-ware									
(a) Sheet glass	'000 sq.mts	26,556	21,768	..	23,705	..	..	..	..
(b) Laboratory glass	tonnes	8,220	3,377	12,540	4,301	..	..	..	..
(c) Glass shells	lakh pieces	2,261	1,834	..	..	..	..	..	..
(d) Other glass-ware	tonnes	373,200	246,846	484,642	..	..	..	..	..
Cement	'000 tonnes	21,468	18,673	29,256	21,064	..	36,520	..	36,940
Ceramics									
(a) White-ware	tonnes	34,044	13,841	..	14,987	..	..	..	..
(b) Sanitary wares	tonnes	20,640	19,472	48,000	27,468	..	..	..	..
(c) Stone-ware	'000 tonnes	79	61	..	45	..	..	..	..
(d) Glazed tiles	tonnes	45,816	40,201	96,000	64,171	..	..	..	..
(e) Refractories	'000 tonnes	1,079	802	..	..	..	..	..	..
(f) Insulators									
(i) High tension	tonnes	26,004	19,821	22,800	31,926	..	..	..	..
(ii) Low tension	tonnes	9,396	934	4,800	1,952	..	..	..	..
Coated abrasives	'000 reams	528	215	540	204	..	..	..	..
Asbestos (cement sheets)	'000 tonnes	637	494	737	542	..	711	..	662

+ Includes Ploythelene L.D.&amp;H.D also.

# INDUSTRY

Table 43-PRODUCTION OF SELECTED INDUSTRIES-contd.

Industry	Unit (@)	1951		1961		1966		1971-72	
		Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction
1	2	3	4	5	6	7	8	9	10
<b>XIII. Basic metal Industries Iron and Steel</b>									
<b>(a) Pig iron and ferro alloys</b>									
(i) Pig iron	'000 tonnes	..	1,735	5,642	4,946	5,642	7,041	5,642	6,713
(ii) Direct castings(1)	'000 tonnes	..	93	..	42	..	..	..	..
(iii) Ferro-alloys	'000 tonnes	..	24	..	113	..	155	..	201
<b>(b) Steel ingots and metal for castings(2)</b>									
(c) Semi-finished steel(3)	'000 tonnes	..	1,269	1,387	1,049	1,387	1,356	1,387	1,003
(d) Finished steel	'000 tonnes	..	1,094	3,638	2,798	3,638	4,483	3,638	4,670
<b>Non-ferrous metals</b>									
(a) Aluminium	tonnes	4,064	3,910	22,116	18,382	73,320	65,304	167,676	181,485
(b) Antimony	tonnes	711	333	912	620	1,002	854	1,002	700
<b>(c) Copper</b>									
(i) Virgin metal(4)	tonnes	7,112	7,196	7,320	8,746	9,960	9,362	9,600	8,316
(ii) Pipes and tubes(5)	tonnes	366	11	4,020	348	4,920	453	13,404	471
(iii) Sheets and circles(6)	tonnes	45,244	4,572	54,000	4,368	48,000	544	48,000	2,756
<b>(d) Lead</b>									
(i) Virgin metal	tonnes	6,096	873	6,096	3,665	6,096	2,479	6,000	1,769
(ii) Pipes and tubes	tonnes	4,877	230	4,872	534	4,800	246	720	125
<b>(e) Brass</b>									
(i) Pipes and tubes(7)	tonnes	..	11	..	107	..	669	..	1,885
(ii) Sheets and circles	tonnes	..	11,412	..	24,612	..	5,978	..	16,055
Gold (in terms of mine's assay)	Kg.	..	7,040	..	4,872	..	3,736	..	3,656
<b>XIV. Manufacturing of metal products, except machinery and transport equipment.</b>									
<b>Screws</b>									
(a) Wood screws	lakh nos.	2,248	1,147	10,548	15,000	16,620	16,510	10,164	14,981
(b) Machine screws	lakh nos.	..	183	3,840	3,816	6,024	5,937	2,220	6,080
Razor blades	crore no.	9.9	2.3	73.2	77.0	122.4	90.6	156.0	81.9
Hurricane lanterns	'000 nos.	4,260	3,977	4,423	5,539	6,564	5,135	3,120	3,190
Oil pressure lamps	'000 nos.	86	63	186	145	188	64	89	54
Enamelware	'000 pieces	30,000	8,130	30,000	23,482	37,320	32,542	30,000	21,497
Expanded metal	tonnes	2,987	1,926	5,040	1,680	6,480	726	1,440	383
Duplicators	nos.	4,200	1,560	7,956	5,232	9,900	3,236	10,104	4,834
Crown cork	lakhs	5,322	3,746	6,432	8,724	9,216	11,336	7,056	12,290
<b>XV. Manufacturing of machinery, except electrical machinery.</b>									
Diesel engines(8)	nos.	5,304	7,246	41,292	44,484	71,312	107,144	150,000	72,043
Power driven pumps	'000 nos.	35	41	119	127	185	294	467	239
Sewing machines(9)	nos.	37,500	44,461	133,704	317,404	469,992	411,412	537,000	315,280
Machine tools	'000 Rs.	..	4,730	51,156	85,169	427,296	345,252	753,972	545,300
Twist drills	'000 Rs.	1,440	1,017	1,192	2,736	10,160	7,630	9,950	8,187
<b>Calico looms</b>									
Plain semi-automatic and automatic	nos.	3,600	2,508	10,560	7,540	8,268	3,142	8,520	6,951
Complete ring spinning frames	nos.	360	274	2,040	1,404	1,680	1,529	2,028	1,152
Grinding wheels	tonnes	406	321	2,936	2,050	4,666	447	6,120	6,799
Carding engines(revolving flat cards)	nos.	600	112	2,640	1,320	1,080	1,092	1,080	317
Arc welding electrodes	lakh R.mts	91	98	1,402	1,129	3,134	2,141	5,040	3,498

(1) From 1962 onwards production figures are included in those of 'Pig iron'.

(2) From September, 1962 onwards figures relate to steel ingots only.

(3) From January, 1961 onwards figures relate to production for sale only.

(4) Relate to refined copper only.

For other footnotes please see next page.

## INDUSTRY

Table 43- PRODUCTION OF SELECTED INDUSTRIES-contd.

Industry	Unit (@)	1976-77		1981-82		1986-87		1986-87	
		Insta- lled capacity	Produc- tion	Insta- lled capacity	Produc- tion	Insta- lled capac- ity	Produc- tion	Insta- lled capac- ity	Produc- tion
1	2	11	12	13	14	15	16	17	18
<b>XIII. Basic metal Industries Iron and Steel.</b>									
(a) Pig iron and ferro alloys									
(i) Pig iron	'000 tonnes	..	10021	..	957	..	1,264	..	1,207
(ii) Direct castings(1)	'000 tonnes	..	..	..	..	..	..	..	..
(iii) Ferro-alloys	'000 tonnes	..	241	..	275	..	277	..	270
(b) Steel ingots and metal for castings(2)	'000 tonnes	..	9,514	..	10,851	..	11,619	..	12,080
(c) Semi-finished steel(3)	'000 tonnes	..	1,771	..	1,551	..	2,491	..	2,015
(d) Finished steel	'000 tonnes	..	6,559	..	6,689	..	8,071	..	8,807
<b>Non-ferrous metals</b>									
(a) Aluminium	tonnes	221,004	210,314	325,200	208,230	..	235,950	..	244,754
(b) Antimony	tonnes	1,002	442	..	..	..	..	..	..
(c) Copper									
(i) Virgin metal(4)	tonnes	56,976	22,428	39,000	23,265	..	34,393	..	..
(ii) Pipes and tubes(5)	tonnes	13,800	533	..	..	..	..	..	..
(iii) Sheets and circles(6)	tonnes	48,000	2,063	28,944	12,536	..	1,598	..	29,112
(d) Lead									
(i) Virgin metal	tonnes	5,400	6,181	18,000	14,462	..	..	..	..
(ii) Pipes and tubes	tonnes	720	434	..	239	..	..	..	..
(e) Brass									
(i) Pipes and tubes(7)	tonnes	13,800	2,259	..	..	..	..	..	..
(ii) Sheets and circles	tonnes	..	10,585	28,944	11,347	..	15,215	..	..
Gold (in terms of mine's assay)	kg.	..	3,084	..	2,384	..	1,810	..	..
<b>XIV. Manufacturing of metal products, except machinery and transport equipmen</b>									
<b>Screws-</b>									
(a) Wood screws	lakh nos.	14,880	15,044	..	..	..	..	..	..
(b) Machine screws	lakh nos.	1,543	2,040	..	..	..	..	..	..
Razor blades	crore no.	120.0	92.8	278.0	136.3	..	209.7	..	223.5
Hurricane lanterns	'000 nos.	3,828	2,055	..	2,217	..	1,312	..	..
Oil pressure lamps	'000 nos.	41	33	..	..	..	..	..	..
Enamelware	'000 pieces	30,000	13,533	..	..	..	..	..	..
Expanded metal	tonnes	..	75	..	..	..	..	..	..
Duplicators	nos.	10,104	4,886	..	..	..	..	..	..
Crown cork	lakhs	21,420	7,620	..	14,065	..	..	..	..
<b>XV. Manufacturing of machinery, except electrical machinery.</b>									
Diesel engines(8)	nos.	304,284	111,548	..	176,016	..	2,093,630	..	..
Power driven pumps	'000 nos.	371	329	700	324	..	459	..	..
Sewing machines(9)	nos.	555,000	385,300	573,600	337,700	..	377,050	..	..
Machine tools	'000 Rs.	1,032,000	1,065,100	2,304,000	2,703,100	..	4,069,210	..	..
Twist drills	000 nos.	15,600	13,740	19,980	17,493	..	30,564	..	27,797
Calico looms	..	..	..	..	..	..	..	..	..
Plain semi-automatic and automatic	nos.	..	..	..	..	..	..	..	..
Complete ring spinning frames	nos.	..	..	..	..	..	..	..	..
Grinding wheels	tonnes	8,520	6,978	10,980	9,414	..	12,210	..	9,238
Carding engines(revolving flat cards)	nos.	..	..	..	..	..	..	..	..
Arc welding electrodes	lakh r.mts	5,040	5,153	7,420	6,015	..	6,636	..	5,388

(5) Includes installed capacity of brass pipes and tubes from January, 1971 onwards.

(6) Installed capacity combined with capacity of brass rolled products.

(7) Installed capacity combined with capacity of copper pipes and tubes.

(8) Diesel engines (stationary type).

(9) The actual production for 1945 to 1961 was much in excess of installed capacity because while installed capacity was calculated for a single-shift working, one of the units had been working for more than one shift.

For other footnotes please see pre page.

## INDUSTRY

Table 43- PRODUCTION OF SELECTED INDUSTRIES-contd.

Industry	Unit (₹)	1951		1961		1966		1971-72	
		Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction	Insta- lled capacity	Produ- ction
1	2	3	4	5	6	7	8	9	10
<b>XVI. Manufacturing of electrical machinery apparatus, appliances and supplies.</b>									
<b>Electric lamps-</b>									
(a) Incandescent filament lamps	'000 nos.	23,041	15,520	47,520	44,995	65,400	75,069	83,400	115,105
(b) Fluorescent lamps	'000 nos.	400	75	1,200	1,895	4,500	4,055	10,560	10,902
Electric fans	'000 nos.	278	213	886	1,074	1,518	1,289	2,758	2,048
Radio receivers	'000 nos.	87	83	279	328	493	712	2,568	2,012
<b>Manufacture of electrical cables and insulated wires</b>									
(a) Conductors									
(i) Bare copper	tonnes	20,312	3,048	18,084	7,632	15,336	2,122	14,424	807
(ii) Aluminium	tonnes	..	..	19,608	22,392	75,480	48,327	106,848	79,324
(b) Winding wire	tonnes	463	305	4,380	5,664	12,480	9,604	28,872	19,570
(c) Rubber and plastic insulated cables and flexible	lakh core metres	411	376	2,389	2,105	7,825	3,775	8,058	5,564
House services metres(1)	'000 nos.	..	..	444	832	1,265	1,049	1,463	2,109
Domestic refrigerators	nos.	..	600	13,596	9,720	24,996	38,124	108,300	86,346
Conduit Pipes	'000 r.mts	2,397	1,210	2,771	2,622	8,536	7,338	2,006	2,783
Dry cells	lakhs	1,844	1,434	2,244	2,141	2,894	3,285	6,380	6,047
Storage batteries	'000 nos.	318	213	379	521	673	720	1,284	1,155
Electric motors	'000 H.P.	153	143	602	829	1,358	1,988	2,735	2,341
Power transformers	'000 K.V.A	300	195	1,244	1,793	2,182	4,792	6,688	8,698
<b>XVII. Manufacture of transport equipment</b>									
<b>Automobiles</b>									
(a) Cars	nos.	..	12,385	..	21,660	..	27,597	..	39,997
(b) Jeeps and landrovers	nos.	..	..	..	7,056	..	9,807	..	11,207
(c) Commercial vehicles									
(1) Trucks									
(i) Petrol	nos.	..	..	..	3,552	..	5,568	..	6,513
(ii) Diesel(2)	nos.	..	..	..	15,960	..	22,139	..	29,377
(2) Passenger buses									
Diesel	nos.	..	..	..	6,084	..	7,224	..	9,867
<b>Bicycles</b>									
(a) Complete cycles	'000 nos.	120	114	1,217	1,049	1,979	1,631	3,492	1,808
(b) Spare parts and accessories	'000 Rs.	..	4,988	..	57,379	..	98,588	..	110,269
<b>XVIII. Miscellaneous manufacturing industries.</b>									
Plastic moulding	lakh nos.	..	2,082	..	9,006	..	6,826	..	2,292
P.V.C.(Flexible) sheetings (unsupported)	tonnes	..	..	1,253	1,493	4,716	3,934	4,560	8,390
Linoleum	'000 mts	..	..	685	721	1,064	880	1,064	1,014
<b>Alcohol</b>									
(a) Power alcohol (absolute or dehydrated)	'000 lts	45,043	28,408	74,766	53,768		2,466	..	776
(b) Industrial alcohol									
Rectified spirit	lakh lts	524	228	1,287	507	2,916	1,951	3,225	2,493

(1) Relates to single phase only.

(2) Includes petrol trucks also from 1975.



## INDUSTRY

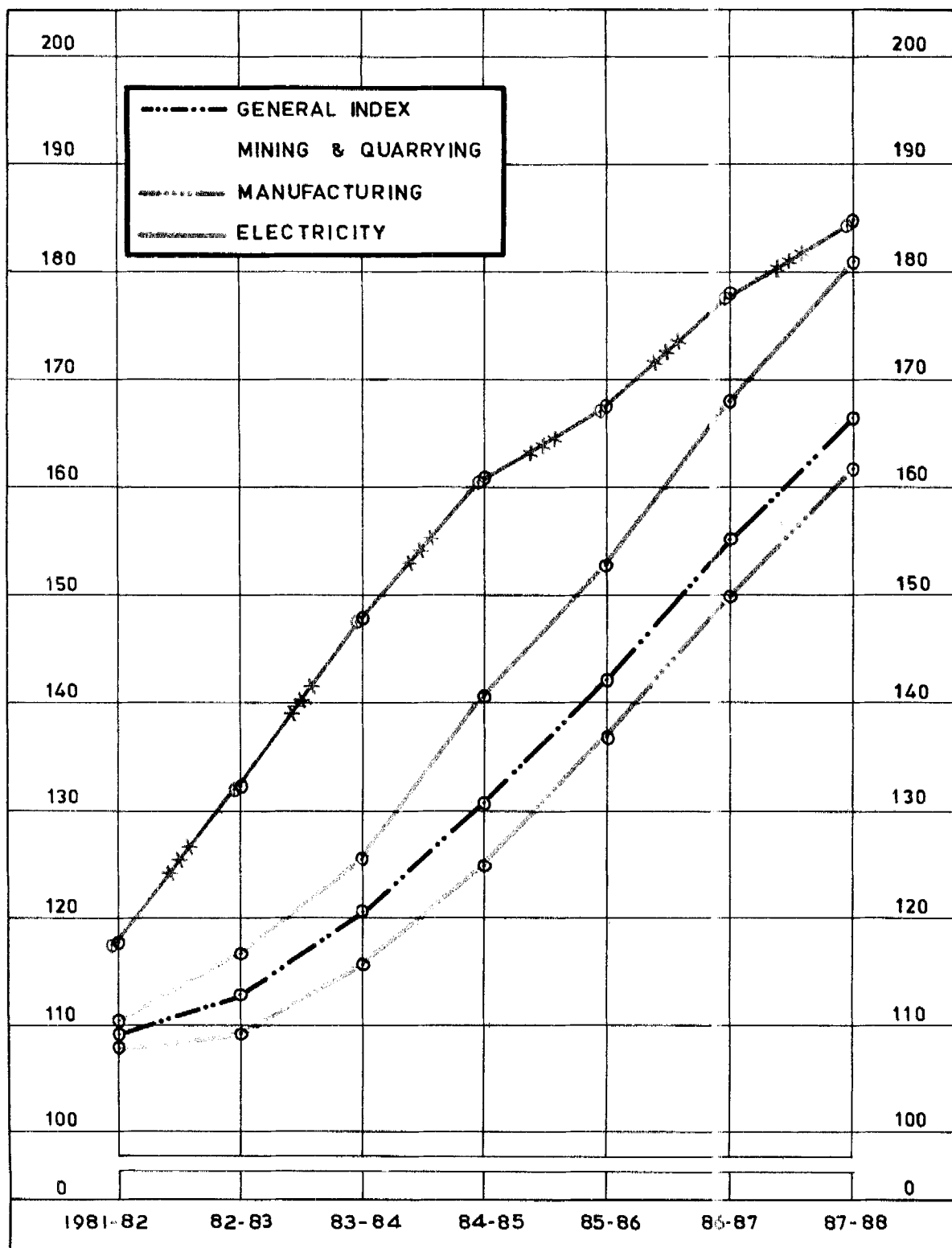
Table 43- PRODUCTION OF SELECTED INDUSTRIES-concl'd.

Industry	Unit (₹)	1976-77		1981-82		1986-87		1987-88	
		Insta- lled capacity	Produc- tion	Insta- lled capacity	Produc- tion	Insta- lled capacity	Produc- tion	Insta- lled capacity	Produc- tion
1	2	11	12	13	14	15	16	17	18
<b>XVI. Manufacturing of electrical machinery apparatus, appliances and supplies.</b>									
<b>Electric lamps-</b>									
(a) Incandescent filament lamps	'000 nos.	164,880	165,080	256,560	266,852	..	283,640	..	256,530
(b) Fluorocent lamps	'000 nos.	14,880	16,758	32,500	31,814	..	46,990	..	45,692
Electric fans	'000 nos.	2,788	2,627	4,896	4,014	..	6,920	..	6,056
Radio receivers	'000 nos.	2,866	1,684	..	1,788	..	1,249	..	978
<b>Manufacture of electrical cables and insulated wires</b>									
(a) Conductors									
(i) Bare copper	tonnes	17,196	1,771	12,204	847	..	..	..	..
(ii) Aluminium	tonnes	133,320	84,175	154,104	90,004	..	45,257	..	40,920
(b) Winding wire	tonnes	45,780	20,233	50,904	24,979	..	22,319	..	15,455
(c) Rubber and plastic insulated cables and flexible	lakh core metres	12,583	5,215	12,960	4,881	..	..	..	..
House services metres(1)	'000 nos.	1,463	1,907	1,464	2,428	..	3,010	..	1,970
Domestic refrigerators	nos.	183,396	125,105	339,400	329,619	..	590,440	..	680,290
Conduit Pipes	'000 R mts	..	..	..	..	..	..	..	..
Dry cells	lakhs	12,127	6,218	15,040	11,065	..	11,673	..	16,813
Storage batteries	'000 nos.	1,549	1,415	2,664	1,977	..	2,601	..	3,018
Electric motors	'000 HP	5,071	3,679	6,708	4,577	..	5,431	..	4,252
Power transformers	'000 KVA	22,188	15,093	34,560	20,991	..	24,980	..	24,088
<b>XVII. Manufacture of transport equipment</b>									
<b>Automobiles</b>									
(a) Cars	nos.	..	36,490	53,004	42,608	..	102,423	..	138,408
(b) Jeeps and landrover	nos.	..	8,365	18,756	20,667	..	29,294	..	33,281
(c) Commercial vehicles					92,115		105,997		119,872
(1) Trucks									
(i) Petrol	nos.	..	..	..	..	..	..	..	..
(ii) Diesel(2)	nos.	..	27,932	..	63,280	..	85,900	..	..
(2) Passenger buses									
Diesel	nos.	..	14,313	..	18,132	..	20,097	..	..
<b>Bicycles</b>									
(a) Complete cycles	'000 nos.	4,020	2,677	4,759	4,891	..	6,117	..	6,676
(b) Spare parts and accessories	'000 Rs.	..	286,423	..	..	..	..	..	..
<b>XVIII. Miscellaneous manufacturing industries.</b>									
Plastic moulding	lakh nos.	..	..	..	..	..	..	..	..
P.V.C.(Flexible) sheetings (unsupported)	tonnes	14,160	8,420	12,120	8,134	..	6,566	..	7,467
Linoleum	'000 mts	1,164	1,192	1,164	1,239	..	1,347	..	1,291
<b>Alcohol</b>									
(a) Power alcohol (absolute or dehydrated)	'000 lts	..	546	..	2,789	..	..	..	..
(b) Industrial alcohol Rectified spirit	lakh lts	3,660	3,024	3,655	2,729	..	2,948	..	3,319

Please see notes on page 125 ante.

# INDEX NUMBERS OF INDUSTRIAL PRODUCTION

BASE: 1980-81=100



## INDUSTRY

Table 44- INDEX NUMBERS OF INDUSTRIAL PRODUCTION

(Base: 1980-81=100)

Industry Code	Item	Weight 1981-82 1982-83 1983-84 1984-85 1985-86 1986-87 1987-88							
		1	2	3	4	5	6	7	8
	GENERAL INDEX	1000.00	109.3	112.8	120.4	130.7	142.1	155.1	166.4
1	Mining and Quarrying	114.64	117.7	132.3	147.8	160.8	167.5	177.9	184.6
2 & 3	Manufacturing	771.07	107.9	109.4	115.6	124.8	136.9	149.7	161.6
20-21	Manufacture of food products	53.27	113.5	129.5	121.1	119.0	125.6	133.1	139.0
201	Manufacture of dairy products	3.82	121.9	136.5	141.3	105.9	116.7	120.2	114.8
204	Grain mill products	9.07	81.9	87.3	91.4	108.1	108.0	115.5	117.3
2041	Flour milling (by power machines)	8.03	78.9	86.3	98.9	116.0	116.7	70.1	..
2049	Other grain milling and processing activities	1.04	105.9	94.9	34.1	47.0	41.2	26.1	..
205	Manufacture of bakery products	1.31	123.9	135.1	128.3	154.2	195.6	220.9	220.8
206	Manufacture and refining of sugar (Vacuum pan sugar factories)	17.59	134.4	176.1	147.3	125.7	138.1	157.4	179.1
208	Manufacture of common salt	1.35	99.2	93.0	81.4	99.6	124.6	113.8	116.9
210	Manufacture of hydrogenated oils, vanaspati ghee etc.	5.59	115.0	118.3	118.2	124.6	115.3	122.7	130.3
212	Tea processing	10.96	97.2	98.9	106.2	113.3	115.8	109.5	120.3
213	Coffee curing, roasting and grinding	0.43	97.8	97.4	81.0	100.3	114.7	120.2	117.7
219	Manufacture of Food product n.e.c.	3.15	133.8	123.1	111.5	135.4	136.7	138.6	65.9
22	Manufacture of Beverages, Tobacco and Tobacco Products	15.71	104.3	107.8	104.5	111.7	112.1	98.5	84.9
220 to 223	Distilling, rectifying and blending of spirits, Wine industries, Malt liquors and malt, production of country liquor and toddy	8.30	98.3	105.0	109.6	120.8	123.1	111.7	96.6
224	Soft drinks and carbonated water industries	1.59	108.0	93.1	64.5	83.0	118.5	66.4	56.0
227	Manufacture of Cigars, cigarettes, cheroot and cigarette tobacco	5.82	111.9	115.7	108.0	106.4	94.7	88.5	76.1
23	Manufacture of Cotton Textiles	123.09	99.7	89.4	100.2	102.3	110.4	112.5	111.3
231	Cotton spinning, weaving, shrinking, mercerising and finishing of cotton textile in mills	87.59	103.3	85.8	97.7	98.1	101.4	104.3	103.7
232	Printing, dyeing and bleaching of cotton textiles	3.08	75.1	60.0	62.4	60.5	60.6	58.9	51.6
235, 236	Weaving and finishing of cotton textiles in hand looms, other than khadi and power looms (decentralised sector)	32.42	92.4	101.7	110.3	117.4	139.3	139.8	137.6
25	Manufacture of Jute, Hemp and Mesta Textiles	19.99	95.7	92.9	78.2	99.4	97.3	101.1	91.0

Source: Central Statistical Organisation

## INDUSTRY

Table 44- INDEX NUMBERS OF INDUSTRIAL PRODUCTION -contd.

(Base: 1980-81=100)

Industry Code	Item	Weight 1981-82 1982-83 1983-84 1984-85 1985-86 1986-87 1987-88							
		1	2	3	4	5	6	7	8
26	Manufacture of Textile Products (Including Wearing Apparel other than Foot Wear)	8.17	96.8	99.3	92.1	95.6	112.8	87.1	91.7
267	Manufacture of waterproof textiles such as oil cloth, tarpaulin, etc.	6.28	95.4	101.4	105.8	103.0	114.7	80.1	87.6
269	Manufacture of textiles, n.e.c. like linoleum, padding, wadding, upholstering, filling etc.	1.89	101.4	92.2	46.6	78.6	106.3	110.2	105.6
27	Manufacture of Wood and Wood Products, Furniture and Fixtures	4.48	153.1	153.0	167.5	216.5	223.2	246.1	161.7
28	Manufacture of Paper & Paper Products, Printing and Publishing & allied Industries	32.35	108.2	105.5	109.3	131.9	148.5	163.2	166.3
2801	Manufacture of pulp(machine made)	3.83	99.8	47.7	77.1	88.3	52.8	116.7	85.8
2802, 2804 & 2805	Manufacture of paper(machine made) and packaging paper(machine made) and paper boards and straw boards (machine made)	27.66	109.4	109.7	106.5	129.8	151.2	158.2	166.6
2803	Manufacture of newsprint(machine made)	0.86	107.5	229.3	341.9	393.1	486.7	529.5	515.4
29	Manufacture of Leather and Leather and Fur Products(except repair)	4.89	128.0	100.1	116.3	139.7	169.2	177.7	185.5
290	Tanning, curing, finishing, embossing and japanning of leather	2.84	136.2	94.7	109.9	142.7	132.4	137.6	147.8
291	Manufacture of footwear (excluding repair)except vulcanized or moulded rubber or plastic footwear	2.05	116.8	107.5	125.2	135.4	220.4	233.4	238.0
30	Manufacture of Rubber, Plastic, Petroleum and Coal Products	40.00	119.2	119.0	136.1	147.2	153.0	149.6	155.8
300	Tyre & tube industries	8.50	106.7	109.9	122.3	124.5	132.1	126.4	121.0
301	Manufacture of footwear made primarily of vulcanized or moulded rubber and plastic	1.06	86.1	93.5	86.8	81.7	89.4	95.6	93.8
302	Manufacture of rubber products n.e.c.	4.13	112.4	117.8	128.2	131.8	133.0	116.9	102.9
3022	Prophylectics(rubber contraceptives)	3.98	142.0	106.6	126.9	129.5	186.5	177.2	258.1
3029	Others	0.14	111.3	118.1	164.6	195.5	131.0	114.7	97.4
303	Manufacture of plastic products n.e.c.(except house furnishing)	5.45	190.7	149.4	208.0	270.8	233.2	200.0	242.3
304,305	Petroleum refineries and products of petroleum	15.19	116.9	128.8	136.3	137.7	165.3	175.9	187.4
306,307	Production of coaltar in coke ovens and manufacture of other coal tar products	5.67	86.3	83.0	102.2	111.4	100.5	99.1	90.3

## INDUSTRY

Table 44- INDEX NUMBERS OF INDUSTRIAL PRODUCTION-contd.

(Base: 1980-81=100)

Industry code	Item	Weight	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
	1	2	3	4	5	6	7	8	9
31	Manufacture of chemicals and chemical Products (except Products of Petroleum and coal	125.13	116.9	121.1	131.0	142.8	154.3	175.5	200.9
310	Manufacture of basic industrial organic and inorganic chemicals and gases	22.32	115.2	111.9	120.0	131.9	132.9	149.0	157.2
3101	Manufacture of basic heavy inorganic chemicals	14.85	106.4	105.3	115.6	126.9	126.8	138.1	149.0
3102	Manufacture of basic heavy organic chemicals	7.66	112.5	124.7	128.4	141.7	144.6	169.9	172.9
311	Manufacture of fertilisers and pesticides	25.48	132.4	138.2	148.3	166.0	180.8	217.8	227.1
3111,2,3	Manufacture of inorganic mixed fertiliser	21.91	135.3	137.6	150.2	171.6	190.7	233.6	247.2
3114,5	Manufacture of pesticides(insecticides, fungicides and weedicides) and pesticides formulations	3.57	1,114.7	141.8	136.6	131.3	119.7	120.5	103.9
312	Manufacture of paints, varnishes and lacquers	9.60	100.7	108.2	111.7	105.8	112.4	119.0	106.2
3121	Manufacture of paints, varnishes, lacquers, etc.	3.64	104.5	115.9	119.7	113.6	116.9	126.4	115.3
3122	Manufacture of dye-stuffs	5.96	98.5	103.5	106.9	101.0	109.7	105.4	100.6
313	Manufacture of drugs and medicines	23.25	124.1	133.3	136.4	140.5	151.2	183.0	282.5
314	Manufacture of perfumes, cosmetics, lotions, hair dressing, tooth-paste, soap in any form, synthetic detergents, shampoos, shaving products, cleaners, washing and scouring products and other toilet preparations	10.27	104.7	111.1	110.3	124.6	144.8	152.0	151.0
3148	Manufacture of detergents	6.71	98.7	102.8	99.4	112.8	132.0	142.1	138.8
3149	Manufacture of others	3.56	115.9	126.6	130.7	146.6	168.8	171.1	173.9
316	Manufacture of turpentine, synthetic resins, plastic materials and synthetic fibres like nylon, terylene except glass etc.	24.28	112.6	118.3	146.9	164.0	181.3	191.3	217.0
3163	Manufacture of synthetic rubber	1.12	117.8	131.4	134.9	147.3	137.7	159.3	153.8
3164	Manufacture of plastic material	5.46	116.2	133.0	140.8	158.4	157.1	149.1	154.7
3165	Manufacture of synthetic fiber	17.45	111.2	112.6	147.1	166.9	192.4	207.7	241.6
3167	Manufacture of products of fermentation industries other than alcohol	0.22	108.5	135.3	125.5	159.0	125.9	114.2	168.9
317	Manufacture of matches	1.86	108.2	103.2	102.9	157.5	218.3	237.7	222.2
318	Manufacture of explosives, ammunition and fire works	1.68	93.9	100.8	117.7	114.9	122.2	138.2	140.8
319	Manufacture of chemical products n.e.c (including photo chemicals, sensitised film and paper)	6.40	126.8	121.1	102.6	105.0	100.1	126.2	121.6
3191	Manufacture of photo chemical materials, sensitised films and papers	3.16	0.0	0.0	30.1	100.6	119.8	150.0	113.6
3192	Manufacture of fine chemicals	1.72	157.7	176.5	120.3	136.4	61.7	133.8	171.1
3195	Manufacture of glue and gelatine	1.53	92.2	85.9	78.9	78.6	102.5	85.7	87.6

## INDUSTRY

Table 44- INDEX NUMBERS OF INDUSTRIAL PRODUCTION-contd.

(Base: 1980-81=100)

Industry code	Item	Weight	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
	1	2	3	4	5	6	7	8	9
32	Manufacture of Non-Metallic Mineral Products	29.99	106..	107.0	122.2	138.4	157.3	160.3	158.1
324	Manufacture of cement, lime and plaster	15.98	112.9	123.6	144.3	161.6	177.0	195.7	198.0
328	Manufacture of asbestos, cement and other cement products	4.62	100.5	73.2	101.0	110.1	118.8	108.2	112.2
329	Manufacture of misc.non-metallic mineral products	9.39	99.1	84.9	95.2	112.7	142.5	125.6	112.8
3295	Manufacture of grinding wheels and abrasives	2.82	96.8	94.8	81.1	110.2	175.1	88.0	..
3296	Manufacture of graphite products such as electrodes, crucibles, etc.	6.57	100.1	80.7	101.0	113.8	128.6	73.6	..
33	Basic Metal and Alloy Industries	98.02	100.0	104.2	95.1	107.3	117.0	126.8	135.6
330	Iron and steel industries	64.51	110.7	1,114.7	104.6	111.8	124.5	135.2	141.4
3301	Manufacture of iron and steel	61.69	110.7	114.7	104.6	111.8	127.3	136.0	141.4
3309	Manufacture of special steel	2.83	0.0	0.0	0.0	0.0	46.8	9.8	
331	Foundaries for casting and forging iron & steel	25.05	69.9	75.2	70.0	89.1	94.9	104.1	121.4
3311	Manufacture of casting and forging	12.93	53.3	44.8	27.3	61.0	72.7	74.9	76.3
3312	Manufacture of structurals	2.60	60.3	76.9	88.7	100.5	106.9	194.6	358.8
3313	Manufacture of pipes	6.73	90.4	123.0	104.4	105.6	130.2	136.5	133.3
3319	Manufacture of others	2.78	106.8	98.9	128.8	131.9	101.1	73.9	80.2
332	Manufacture of ferro alloys	2.22	113.9	98.8	94.5	81.5	96.3	89.3	66.7
333,334	Copper and copper alloy manufacturing	2.87	108.6	122.6	84.0	142.9	127.3	148.0	188.1
335	Aluminium manufacturing	3.36	103.6	107.1	114.6	143.8	139.9	139.2	131.2
34	Manufacturing of Metal Products and Parts except Machinery and Transport Equipment	22.88	94.6	89.9	88.1	105.0	114.7	124.4	129.6
340	Manufacture of fabricated metal products	9.89	88.6	96.7	90.6	84.1	87.6	107.1	98.0
343	Manufacture of handtools and general hard ware	10.87	97.5	80.5	78.1	120.0	137.6	140.5	162.2
3435	Manufacture of agricultural hand tools and implements	5.42	94.7	85.8	87.7	103.7	75.7	94.8	89.8
3439	Manufacture of others	5.46	100.2	75.2	68.6	136.3	199.1	185.8	234.2
349	Manufacture of metal products except machinery and transport equipment n.e.c.	2.12	107.5	106.8	127.9	125.3	129.1	124.2	109.6
35	Manufacture of Machinery, Machine tools and parts, except electrical machinery	62.40	111.1	112.0	119.6	127.6	130.2	141.8	139.2
350	Manufacture of agricultural machinery and equipment and parts	6.22	118.4	88.3	106.9	119.4	107.4	112.4	116.6

## INDUSTRY

Table 44- INDEX NUMBERS OF INDUSTRIAL PRODUCTION-contd.

(Base: 1980-81=100)

Industry Code	Item	Weight	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
	1	2	3	4	5	6	7	8	9
351	Manufacture and repair of drills, coal cutting machines, earth moving lifting and hoisting machinery, cranes, conveyors & road rollers and other heavy machinery and equipment used by construction and minings industries	5.13	131.9	169.4	140.6	134.0	141.9	156.3	128.8
352	Manufacture of Prime movers, boilers and steam generating plants such as diesel engines and parts	10.02	99.4	100.8	105.2	127.7	162.7	169.6	148.0
3521	Manufacture of boilers and steam generating plants	3.91	98.6	107.6	114.8	107.5	115.2	129.6	98.2
3522	Manufacture of steam engines and turbines	0.08	98.9	148.1	107.5	32.7	25.1	77.6	73.0
3527,29	Manufacture of internal combustion engine and others	6.03	99.8	95.7	63.4	142.1	195.3	196.7	181.2
353	Industrial machinery for food and textile industries	10.59	99.4	97.5	103.7	104.0	82.7	100.0	98.4
3533	Manufacture of sugar machinery	1.79	74.9	93.2	99.4	105.7	92.9	80.8	77.4
3534	Manufacture of tea machinery	0.20	65.1	57.9	91.8	114.1	140.3	106.6	26.7
3535	Manufacture of textile machinery (such as spinning frames, carding machines, power looms etc.) including textile accessories.	7.61	102.8	95.7	98.5	93.4	76.1	106.1	110.6
3536	Manufacture of jute machinery	0.23	200.9	300.8	166.7	142.4	87.9	32.6	50.0
3539	Manufacture of others	0.77	81.8	77.2	150.7	192.3	108.2	103.1	59.8
354	Industrial machinery for other than food and textile industries	5.82	91.6	92.4	88.2	96.7	94.5	106.8	95.4
3541,42	Manufacture of pharmaceutical and chemical machinery	2.59	98.2	104.1	115.2	122.8	110.0	119.0	113.9
3543	Manufacture of paper machinery	0.83	99.2	84.6	56.7	50.2	42.4	42.1	40.5
3544	Manufacture of mining machinery	0.80	70.5	92.9	61.4	58.9	46.6	68.7	64.9
3545	Manufacture of metallurgical machinery	0.47	53.2	42.3	45.0	56.6	53.9	107.8	119.5
3546	Manufacture of cement machinery	1.14	101.4	91.3	86.1	114.1	147.2	152.5	104.5
355	Manufacture of refrigerators, air conditioners and fire fighting equipment and other parts, components & accessories etc.	3.27	121.6	133.0	149.3	205.4	206.7	175.7	188.0
3551	Manufacture of refrigerators, air conditioning plants for industrial use	1.58	129.7	143.0	145.7	227.2	197.0	153.4	152.9
3552,53	Manufacture of domestic air conditioners and refrigerators	1.69	113.9	123.7	151.4	185.1	214.3	196.5	220.8
356	Manufacturing, alteration, repair of general items of non-electrical machinery components & accessories n.e.c.	11.23	115.0	118.7	161.2	161.1	172.0	191.6	213.5
3561	Manufacture of size reduction equipment, crushers, ball mill etc., and conveying equipment, bucket elevators etc.	3.21	104.9	112.5	113.6	173.2	185.4	231.8	241.0
3564	Manufacture of power driven pumps, reciprocating, centrifugal etc.	3.01	73.6	79.9	98.8	113.1	116.6	104.6	117.4

## INDUSTRY

Table 44-INDEX NUMBERS OF INDUSTRIAL PRODUCTION-contd.

(Base: 1980-81=100)

Industry Code	Item	Weight	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
	1	2	3	4	5	6	7	8	9
3565	Manufacture of air,gas compressors, and vaccum pumps(excluding electrical furnaces)	1.96	110.7	128.1	310.0	158.8	120.3	165.1	180.9
3566	Manufacture of ball roller and tapered bearing	3.95	154.5	147.1	162.8	192.0	232.1	247.6	282.0
357	Manufacture of machine tools,their parts and accessories	5.13	136.5	130.9	112.1	125.0	100.4	126.1	126.8
358	Manufacture of office computing and accounting machinery and accessories	0.97	95.7	115.1	117.1	112.6	126.0	125.8	126.8
3581	Manufacture of typewriters	0.54	90.5	119.4	109.7	120.0	135.0	127.2	98.9
3586	Manufacture of weighing machines	0.43	102.3	108.8	126.4	103.3	114.6	124.0	164.6
359	Manufacturing and repair of non-electrical machinery, equipment, components and accessories n.e.c.	2.62	101.5	98.8	101.9	99.6	87.6	113.3	98.3
36	Manufacture of Electrical Machinery, Apparatus, Appliances and Supplies and Parts	57.79	103.9	115.9	143.1	148.8	200.6	254.7	335.2
360	Manufacture of electrical industrial machinery and apparatus and parts	27.08	92.1	92.5	101.2	103.6	140.2	111.9	111.7
3601	Manufacture of generators	6.72	56.6	58.2	59.6	58.7	57.4	41.3	65.1
3602	Manufacture of transformers	2.39	106.5	94.7	119.2	129.7	114.7	129.1	124.4
3603,4	Manufacture of switch gears and electric motors	12.87	104.5	107.4	114.3	116.9	132.1	136.1	127.4
361	Manufacture of insulated wires and cables	9.71	108.2	76.8	87.9	89.0	92.1	109.1	79.6
362	Manufacture of dry & wet batteries	3.57	115.0	113.2	107.2	117.7	126.1	135.1	175.1
3621	Manufacture of storage batteries	1.59	118.9	113.9	109.0	119.6	133.5	156.4	181.5
3622	Manufacture of dry batteries	1.98	111.9	112.7	105.8	116.1	120.2	118.0	170.0
363	Manufacture of electrical appliances, apparatus and parts such as lamps, bulbs, tubes etc.	5.13	107.6	112.2	116.4	132.3	138.1	140.9	135.6
3631	Manufacture of electric fans	2.49	93.6	97.9	108.8	125.6	137.8	128.7	129.6
3632,33	Manufacture of flourescent tubes and ordinary electric lamps	2.40	126.3	129.8	130.3	140.9	141.9	151.7	141.4
3635	Manufacture of power capacitors	0.24	93.3	90.7	55.7	115.5	104.1	159.3	139.8
364	Manufacture of radios and television transmitting & receiving sets etc.	7.58	111.2	143.8	210.5	234.3	318.0	331.7	389.0
3642	Manufacture of radios	0.78	190.8	124.9	150.6	182.7	245.1	228.6	311.3
3643	Manufacture of television sets	0.85	111.9	141.2	187.3	423.6	800.3	1,155.6	1,027.1
3644	Manufacture of teleprinters	0.36	108.6	112.1	105.3	97.4	110.5	128.7	75.7
3645,46	Manufacture of telephones and telegraph instruments	3.72	109.9	148.1	245.8	248.3	277.0	230.1	258.1
3649	Manufacture of others	1.87	78.9	150.5	212.6	168.4	250.0	242.0	452.3
365	Manufacture and repair of radiographic x-ray apparatus & tubes and parts	0.20	92.9	96.0	104.2	91.7	111.5	122.1	97.9
366	Manufacture of electronic computer, control instruments and other equipment	3.51	149.7	354.8	546.6	522.2	1,062.9	1,691.4	3,101.5
367	Manufacture of electronic components and accessories n.e.c.	1.00	86.0	111.2	125.5	199.2	264.2	315.9	388.5



## INDUSTRY

Table 44-INDEX NUMBERS OF INDUSTRIAL PRODUCTION-concl'd.

(Base: 1980-81=100)

Industry Code	Item	Weight 1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	
	1	2	3	4	5	6	7	8	9
37	Manufacture of Transport Equipment and Parts	63.86	108.1	111.3	123.4	131.6	135.8	144.9	151.8
370	Ship building and repairing	6.50	69.8	115.7	181.4	165.4	133.2	120.7	91.5
371	Manufacture of railway locomotives and parts	9.27	74.3	79.3	76.1	72.5	76.1	94.6	89.8
372	Manufacture of railway wagons, coaches and parts	10.32	122.2	109.2	124.2	108.9	108.2	121.9	118.9
374	Manufacture of motor vehicles and parts	31.36	120.0	118.0	124.1	138.8	147.2	153.4	173.1
375	Manufacture of motor cycles, scooters and parts	4.11	114.3	127.7	126.2	192.5	259.1	298.3	321.1
376	Manufacture of bicycles, cycle-rickshaws and parts	2.31	115.4	115.2	132.3	139.1	131.1	144.4	157.6
38	Other Manufacturing Industries	9.05	149.0	155.0	104.6	122.8	152.7	235.4	272.1
380	Manufacture of medicinal and scientific equipment	4.31	101.3	120.1	104.0	127.0	117.8	231.5	348.6
3801	Manufacture of surgical and medicinal instruments	0.32	103.6	124.5	122.4	121.0	201.3	280.6	834.3
3802	Manufacture of laboratory and scientific instruments	0.74	104.7	140.1	102.7	89.9	48.0	99.0	405.7
3803	Manufacture of mathematical instruments	0.13	84.2	87.9	96.9	85.8	81.4	101.2	100.4
3804	Manufacture of water meter, steam meter, and electric meter	1.37	74.3	73.8	75.3	103.3	90.5	336.0	510.8
3805	Manufacture of instruments indicating, recording and regulating devices for pressure, temperature, rate of flow, weights and levels etc.	1.75	121.9	145.2	124.2	165.6	156.4	206.3	218.2
382	Manufacture of watches and clocks	3.52	115.7	126.9	114.2	123.2	121.2	206.7	193.5
387	Manufacture of stationery articles like fountain-pens, pens, pencils, etc. n.e.c.	1.23	412.4	362.5	79.2	107.4	365.7	331.6	228.9
3872	Manufacture of pencils	0.17	57.2	128.6	110.5	89.9	156.7	110.4	323.5
3879	Manufacture of others	1.05	376.7	401.1	74.1	110.2	400.2	368.1	213.4
5	Electricity	114.29	110.2	116.5	125.4	140.4	152.4	168.1	180.9

## POWER

**F**igures presented in this section relate to installed plant capacity, generation, consumption in power station auxiliaries, per capita consumption and sales of electricity by public utility electric supply undertakings, whether owned by Government, local authorities, or companies. Ordnance factory and railway power stations with the sole exception of Chola Power Station are excluded. Bombay is inter-connected with the Tata power system and the Renukot Power House (U.P.) is inter-connected with U.P. Grid. The data given in this section are compiled by the PDB & I Directorate of the Central Electricity Authority, Department of Power, Ministry of Energy and are Published in their annual publication, "Public Electricity Supply-All India Statistics-General Review", 1985-86

Table 45

This table presents state-wise figures of total installed capacity, electricity generated, electricity used in power station auxiliaries and per capita consumption of electricity. The figures for installed plant capacity and electricity generated do not include data relating to non-utilities such as self generating industries and railways. Figures of electricity generated in a state do not include the power purchased from other states. Data on electricity generated by the Damodar Valley Corporation and the Central Government projects have been shown separately.

Table 46

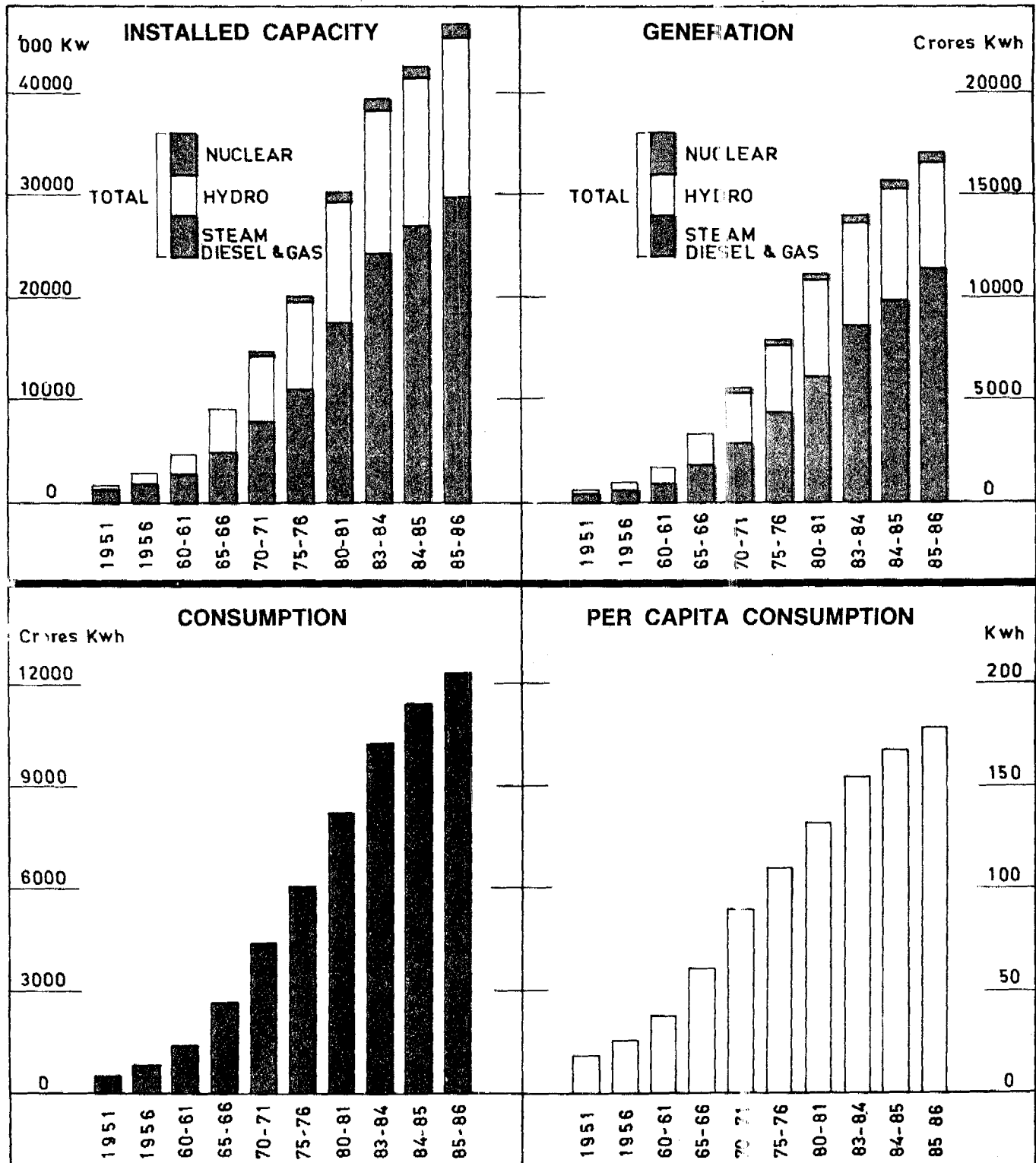
The statewide data on electricity sold to ultimate consumers by public electricity undertakings are presented in this table by categories of consumers namely domestic, commercial, industrial power, public lighting, traction, agricultural, public water works sewage pumping and miscellaneous.

Table 47

In this table, data are presented for total number of towns/villages electrified along with the percentage electrified by States. The data are compiled by Rural Electrification Directorate. Agencies helping in compilations of data are State Electricity Boards and Electricity Departments of various States and Union Territories.

# ELECTRICITY

## INSTALLED CAPACITY, GENERATION AND CONSUMPTION



## POWER

Table 45-ELECTRICITY-INSTALLED CAPACITY, GENERATION AND CONSUMPTION

(installed capacity: 000 kw)

(generation: crores kwh)

Year/State	Installed Capacity (1)						Electricity generated gross (2)	
	Nuclear	Steam	Gas	Oil	Hydro	Total	Nuclear	Steam
1	2	3	4	5	6	7	8	9
1951	-	1,098	-	163	575	1,835	-	277.9
1956	-	1,596	-	228	1,061	2,886	-	513.4
1960-61	-	2,436	-	300	1,917	4,653	-	873.2
1965-66	-	4,417	134	352	4,124	9,027	-	1,737.2
1970-71	420	7,508	168	230	6,383	14,709	241.7	2,779.6
1975-76	640	10,579	208	226	8,464	20,117	262.7	4,276.0
1980-81	860	17,122	274	266	11,791	30,214	300.1	6,071.4
1983-84	1,095	23,648	561	179	13,856	39,339	354.6	8,443.5
1984-85	1,095	26,311	541	178	14,460	42,585	407.5	9,695.7
1985-86	1,330	28,809	978	180	15,472	46,769	498.2	11,254.0
1985-86								
State:								
Andhra Pradesh	-	1,193	-	-	2,173	3,366	-	677.2
Assam	-	262	147	21	2	432	-	27.2
Bihar	-	1,439	-	6	150	1,595	-	311.3
Gujarat	-	2,959	54	3	300	3,316	-	1,264.3
Haryana	-	587	-	4	838	1,429	-	164.2
Himachal Pradesh	-	-	-	1	133	134	-	-
Jammu & Kashmir	-	22	-	7	176	205	-	0.5
Karnataka	-	420	-	-	2,110	2,530	-	24.7
Kerala	-	-	-	-	1,309	1,309	-	-
Madhya Pradesh	-	2,698	-	-	246	2,944	-	1,083.0
Maharashtra	-	4,855	672	-	1,357	6,884	-	2,007.3
Manipur	-	-	-	22	2	24	-	-
Meghalaya	-	5	-	2	127	134	-	-
Nagaland	-	-	-	4	1	5	-	-
Orissa	-	470	-	-	765	1,235	-	130.5
Punjab	-	860	-	10	1,579	2,449	-	427.8
Rajasthan	-	367	-	8	855	1,230	-	167.2
Sikkim	-	-	-	2	15	17	-	-
Tamil Nadu	-	1,140	-	-	1,389	2,529	-	569.6
Tripura	-	-	5	6	15	26	-	-
Uttar Pradesh	-	2,919	-	6	1,430	4,355	-	774.2
West Bengal	-	2,521	100	26	47	2,694	-	781.6
Union Territory:								
A. & N. Islands	-	2	-	9	-	11	-	-
Arunachal Pradesh	-	-	-	5	13	18	-	-
Chandigarh	-	-	-	2	-	2	-	-
D. & N. Haveli	-	-	-	-	-	-	-	-
Delhi	-	237	-	20	-	257	-	115.8
Goa, Daman & Diu	-	-	-	-	-	-	-	-
Lakshadweep	-	-	-	3	-	3	-	-
Mizoram	-	-	-	13	1	14	-	-
Pondicherry	-	-	-	-	-	-	-	-
Other than States & U.T.								
D.V.C.	-	1,737	-	-	104	1,841	-	605.7
Central Govt. Projects	1,330	4,116	-	-	335	5,781	498.2	2,121.9

Source: Central Electricity Authority  
Ministry of Energy

(1) As on last day of the year ending December upto 1956 and thereafter as on last day of the financial year.

(2) Relates to public utilities only.

(3) Relates to sales to ultimate consumers.

(4) Relates to utility &amp; non-utilities.

Note: Totals may not tally due to rounding off of figures.

## POWER

TABLE 45-ELECTRICITY-INSTALLED CAPACITY, GENERATION AND CONSUMPTION-contd.

(generation/consumption: crores kwh)

Year/State	Electricity generated(gross)-contd.(2)				Consumption in power station auxiliaries	Electricity generated (net col.13-14)	Consump- tion(3)	Per capita(4) consump- tion (kwh)
	Gas	Oil	Hydro	Total				
1	10	11	12	13	14	15	16	17
1951	-	22.0	286.0	585.8	21.8	564.0	479.3	17.8
1956	-	23.3	429.5	966.2	38.6	927.6	795.9	26.4
1960-61	-	36.8	783.7	1,693.7	72.2	1,621.5	1,395.3	38.2
1965-66	6.9	32.4	1,522.5	3,299.0	164.7	3,134.3	2,673.5	61.4
1970-71	36.6	(a)	2,524.8	5,582.8	286.3	5,296.5	4,372.4	89.8
1975-76	48.3	6.0	3,330.2	7,923.1	455.6	7,467.5	6,024.6	110.0
1980-81	52.2	6.5	4,654.2	11,084.4	723.0	10,361.4	8,236.7	132.3
1983-84	219.9	4.3	4,995.3	14,017.7	1,014.2	13,003.5	10,234.4	154.4
1984-85	183.4	4.5	5,394.8	15,685.9	1,165.0	14,520.9	11,406.8	168.5
1985-86	175.7	5.0	5,102.1	17,035.0	1,315.7	15,719.3	12,299.9	178.0
1985-86 State:								
Andhra Pradesh	-	-	549.7	1,226.9	73.2	1,153.7	1,028.5	182.2
Assam	57.3	-	-	84.5	4.7	79.8	94.4	52.6
Bihar	-	0.1	23.4	334.8	46.9	287.9	562.0	94.1
Gujarat	-	-	29.1	1,293.4	134.7	1,158.7	1,035.3	303.6
Haryana	-	-	327.5	491.7	27.8	463.9	337.8	247.3
Himachal Pradesh	-	-	59.7	59.7	0.2	59.5	57.0	122.2
Jammu & Kashmir	-	-	87.2	87.7	0.3	87.4	85.5	128.9
Karnataka	-	-	735.1	759.8	5.1	754.7	713.6	189.1
Kerala	-	-	536.2	536.2	3.0	533.2	375.7	139.3
Madhya Pradesh	-	-	64.8	1,147.9	112.2	1,035.7	890.7	168.3
Maharashtra	112.8	-	523.9	2,644.0	196.3	2,447.7	2,096.2	313.9
Manipur	-	0.3	-	0.3	-	0.3	5.4	34.0
Meghalaya	-	-	35.5	35.5	0.2	35.3	11.8	76.4
Nagaland	-	-	0.1	0.1	-	0.1	5.9	67.4
Orissa	-	-	237.3	367.8	14.3	353.5	330.0	134.2
Punjab	-	-	641.1	1,068.9	50.1	1,018.8	770.3	423.2
Rajasthan	-	-	307.5	474.7	26.5	448.2	486.0	143.0
Sikkim	-	-	3.3	3.3	0.3	3.0	2.0	55.0
Tamil Nadu	-	-	293.6	863.2	57.7	805.5	1,059.7	218.2
Tripura	-	0.2	6.6	6.8	-	6.8	6.4	28.0
Uttar Pradesh	-	-	458.4	1,232.6	107.5	1,125.1	1,161.9	117.3
West Bengal	5.6	0.1	13.1	800.4	80.2	720.2	722.9	131.3
Union Territory:								
A. & N. Islands	-	1.9	-	1.9	0.1	1.8	1.8	91.7
Arunachal Pradesh	-	0.4	2.7	3.1	0.1	3.0	2.3	32.3
Chandigarh	-	-	-	-	-	-	25.7	443.5
D. & N. Haveli	-	-	-	-	-	-	1.7	137.1
Delhi	-	-	-	115.8	9.7	106.1	375.7	516.3
Goa, Daman & Diu	-	-	-	-	-	-	35.3	333.0
Lakshadweep	-	0.5	-	0.5	-	0.5	0.4	100.3
Mizoram	-	1.6	-	1.6	0.1	1.5	1.9	31.7
Pondicherry	-	-	-	-	-	-	16.3	261.8
Other than State and U.T.								
D.V.C.	-	-	40.3	646.0	79.2	566.8	-	-
Central Govt. Projects	-	-	125.6	2,745.7	285.1	2,460.6	-	-

(a) Included under Gas plant.

Please see footnotes on pre-page.

Note: Totals may not tally due to rounding off of figures.

## POWER

Table 46-ELECTRICITY SOLD TO ULTIMATE CONSUMERS

(crores kwh)

Year/State	Total sold to ultimate consumers	Domestic	Commercial	Industrial Power at low & medium voltage	Industrial Power at high voltage
1	2	3	4	5	6
1951	479.3	59.4	33.0	57.5	248.4
1956	795.9	93.4	54.6	93.2	439.2
1960-61	1,395.3	149.2	84.8	164.1	805.6
1965-66	2,673.5	235.5	165.0	271.0	1,616.6
1970-71	4,372.4	384.0	257.3	391.4	2,566.5
1975-76	6,024.6	582.1	350.7	523.4	3,233.4
1980-81	8,236.7	924.6	468.2	741.5	4,065.4
1983-84	10,234.4	1,323.4	656.1	1,118.9	4,590.6
1984-85	11,406.8	1,550.6	693.7	1,122.8	5,179.1
1985-86	12,299.9	1,725.8	729.0	1,251.7	5,446.3
1985-86					
State:					
Andhra Pradesh	1,028.5	121.9	34.3	66.9	499.5
Assam	94.4	11.6	8.9	58.7	(a)
Bihar(1)	562.0	23.0	12.4	19.5	374.8
Gujarat	1,035.3	117.7	44.9	125.2	522.1
Haryana	337.8	48.6	11.3	38.9	90.1
Himachal Pradesh	57.0	11.3	4.9	33.9	(a)
Jammu & Kashmir	85.5	17.4	7.6	19.5	(a)
Karnataka	713.6	156.6	18.2	67.1	343.3
Kerala	375.7	88.9	37.2	28.0	198.8
Madhya Pradesh	890.7	83.0	33.5	49.6	598.2
Maharashtra	2,096.2	297.7	140.6	167.4	946.6
Manipur	5.4	3.1	0.2	0.8	0.6
Meghalaya	11.6	2.3	2.2	4.5	(a)
Nagaland	5.9	1.1	0.6	0.2	2.2
Orissa	330.0	35.9	9.4	15.8	227.1
Punjab	770.3	84.0	18.9	85.2	277.7(b)
Rajasthan	486.0	46.4	26.1	43.7	182.9
Sikkim	2.0	1.1	0.4	0.4	-
Tamil Nadu	1,059.7	108.3	78.8	112.9	442.2
Tripura	6.4	2.1	0.9	1.3	(a)
Uttar Pradesh	1,161.9	185.1	67.2	184.7	264.9
West Bengal(1)	722.9	117.7	69.6	49.8	383.1
Union Territory:					
A. & N. Islands	1.8	0.7	0.6	0.3	-
Arunachal Pradesh	2.3	0.8	0.2	0.4	-
Chandigarh	25.7	9.3	4.0	4.3	6.5
D. & N. Haveli	1.7	0.1	0.1	0.2	1.2
Delhi	375.7	137.9	92.0	68.8	62.5
Goa, Daman & Diu	35.3	8.0	2.6	2.3	15.3
Lakshadweep	0.4	0.2	0.1	-	-
Mizoram	1.9	1.5	0.1	-	-
Pondicherry	16.3	2.5	1.1	1.5	6.3

Source: Central Electricity Authority, Ministry of Energy

- (1) Includes Damodar Valley Corporation's sales to ultimate consumers.  
(a) Included in Industrial low and medium voltage.  
(b) Includes 745.10 crores kwh sales to Nangal Fertilizers by Bhakra Beas Management Board.  
(c) It does not include energy supplied by Punjab State Electricity Board to Public Water Work's consumers which has been included in agricultural category.  
(d) Karnataka Electricity Board's Public Water Works consumption included in industrial low and medium voltage category.

## POWER

Table 46-ELECTRICITY SOLD TO ULTIMATE CONSUMERS-contd.

(crores kwh)

Year/State	Public lighting	Traction	Agricultural	Public water works sewage pumping	Miscellaneous
1	7	8	9	10	11
1951	6.8	33.0	20.3	21.0	-
1956	11.8	40.5	31.6	31.7	-
1960-61	19.3	45.4	83.3	43.6	-
1965-66	28.0	105.7	189.2	62.5	-
1970-71	50.0	136.5	447.0	101.7	38.2
1975-76	57.8	185.5	872.1	132.7	86.8
1980-81	74.8	226.6	1,448.9	153.4	133.2
1983-84	93.4	270.9	1,823.4	182.8	174.9
1984-85	105.2	288.0	2,096.1	206.5	164.8
1985-86	109.6	308.2	2,342.2	210.6	176.5
1985-86					
State:					
Andhra Pradesh	9.3	20.9	269.7	(a)	5.9
Assam	0.5	-	0.7	1.3	12.7
Bihar(1)	1.0	42.8	80.0	7.2	1.3
Gujarat	10.2	16.3	172.3	21.8	4.8
Haryana	1.5	-	136.7	3.2	7.5
Himachal Pradesh	0.3	-	2.1	(a)	4.5
Jammu & Kashmir	2.0	-	5.4	9.4	24.2
Karnataka	11.5	-	116.9	(d)	-
Kerala	5.9	-	10.1	4.7	2.0
Madhya Pradesh	7.7	16.0	77.1	23.9	1.7
Maharashtra	21.7	78.4	366.7	51.2	25.9
Manipur	0.2	-	0.2	0.1	0.2
Meghalaya	0.1	-	-	0.2	2.3
Nagaland	0.1	-	-	-	1.7
Orissa	1.3	15.7	7.5	6.3	10.9
Punjab	2.0	-	276.9	0.7(c)	24.9
Rajasthan	3.3	-	146.0	24.1	13.6
Sikkim	0.1	-	-	-	-
Tamil Nadu	9.6	13.1	282.4	10.2	2.3
Tripura	0.2	-	1.0	0.9	0.1
Uttar Pradesh	4.8	57.6	373.7	21.8	2.1
West Bengal(1)	5.6	47.3	11.9	20.0	17.9
Union Territory					
A. & N. Islands	0.1	-	-	-	-
Arunachal Pradesh	0.3	-	-	-	0.6
Chandigarh	0.6	-	0.2	-	0.7
D. & N. Haveli	-	-	-	-	-
Delhi	8.5	-	(a)	(a)	6.0
Goa, Daman & Diu	0.7	-	0.6	2.9	2.9
Lakshadweep	0.1	-	-	-	-
Mizoram	0.2	-	-	-	0.1
Pondicherry	0.3	-	4.0	0.6	-

Please see footnotes on pre-page.

## POWER

TABLE 47-NUMBER OF TOWNS AND VILLAGES ELECTRIFIED IN INDIA  
(as on 31-3-1986)

State/Union Territory	Towns			Villages		
	Total	Electrified	Percentage	Total	Electrified	Percentage
1	2	3	4	5	6	7
<b>State:</b>						
Andhra Pradesh	224	224	100	27,221	23,680	87.0
Assam	72	72	100	21,995	13,648	62.1
Bihar	202	202	100	67,566	35,524	52.6
Gujarat	216	216	100	18,275	16,957	92.8
Haryana	65	65	100	6,731	6,731	100.0
Himachal Pradesh	36	36	100	16,916	15,316	90.5
Jammu & Kashmir	45	45	100	6,503	5,794	89.1
Karnataka	245	245	100	26,826	24,667	92.0
Kerala	88	88	100	1,268	1,268	100.0
Madhya Pradesh	250	250	100	70,883	43,846	61.9
Maharashtra	289	289	100	35,778	33,779	94.4
Manipur	8	8	100	1,949	655	33.6
Meghalaya	6	6	100	4,583	1,321	28.8
Nagaland	3	3	100	960	753	78.4
Orissa	81	81	100	46,992	24,903	53.0
Punjab	108	108	100	12,188	12,126(a)	100.0
Rajasthan	157	157	100	33,305	20,876	62.7
Sikkim	7	7	100	405(b)	224	55.3
Tamil Nadu	439	439	100	15,735	15,715	99.9
Tripura	6	6	100	4,727	2,015	42.6
Uttar Pradesh	325	325	100	112,561	67,561	60.0
West Bengal	223	223	100	38,074	20,531	53.9
<b>Union Territory:</b>						
A. & N. Islands	1	1	100	390	261	66.9
Arunachal Pradesh	4	4	100	2,973	917	30.8
Chandigarh	2	2	100	26	26	100.0
D. & N. Haveli	-	-	-	72	67(c)	100.0
Delhi	3	3	100	243	243	100.0
Goa, Daman & Diu	13	13	100	409	380	92.9
Lakshadweep	-	-	-	10	10	100.0
Mizoram	2	2	100	229	166	72.5
Pondicherry	6	6	100	333	333	100.0
<b>Total(All India)</b>	<b>3,126</b>	<b>3,126</b>	<b>100</b>	<b>576,126</b>	<b>390,293</b>	<b>67.7</b>

Source: Central Electricity Authority,  
Ministry of Energy

(a) Sixty two villages are declared uninhabited.

(b) The revenue block has been reckoned as the smallest administrative unit by the census authorities.

(c) Five villages are going under submergence in Damanganga Project.



## BANKS

The tables in this section present a consolidated picture of progress of banking in India, showing liabilities and assets of categories of banks as classified below:

- (i) Reserve Bank of India.
- (ii) Scheduled Commercial Banks-
  - (a) State Bank of India.
  - (b) Other Indian Banks.
  - (c) Foreign Banks.
- (iii) Non-Scheduled Indian Commercial Banks.
- (iv) Indian Co-operative Banks.

Besides the above information, tables showing (i) the total number and amount of cheques cleared, (ii) percentage of cash balances to deposit, liabilities of several classes of banks, (iii) liabilities and assets of Industrial Finance Corporation of India, State Financial Corporation, Industrial Development Bank of India and Industrial Credit and Investment Corporation of India, have also been included.

Table 48

Liabilities and Assets of Reserve Bank of India (Banking Department): The table provides data relating to the Banking Department of the Reserve Bank of India. Figures relate to transactions in the Indian Union.

Table 49

Liabilities and Assets of different classes of Banks : This table provides data for liabilities and assets of various classes of banks, which are described below :

A. Scheduled Commercial Banks. The banks, which carry on business of banking in India and which are included in the second schedule to the Reserve Bank of India Act, 1934 are known as Scheduled Banks. These include the State Bank of India, other Indian Banks and Foreign Banks.

(i) State Bank of India: The State Bank of India was formed in July, 1955 after the nationalisation of the Imperial Bank of India. Figures in this table relate to the business of the bank in India and abroad.

(ii) Other Indian Banks: Indian banks are those who have their registered offices in India. These include data for Private Sector Banks, Associates of State Bank of India and 20 nationalised banks. The figures relate to the business both in India and abroad.

(iii) Foreign Banks: Foreign banks are those who have their registered offices outside India. The data relate to their business in the Indian Union.

B. Non-Scheduled Indian Commercial Banks: The banks which are not included in the Second Schedule to the Reserve Bank of India Act, 1934 are known as Non-scheduled Banks.

C. Indian Co-operative Banks: These include scheduled Central and State Co-operative Banks.

Table 50

The table shows the number and amount of cheques cleared at each principal clearing centre managed by the Reserve Bank of India. The total for all "other centres" comprising clearing house managed by the State Bank of India, subsidiaries of the State Bank and Sangli Bank up to March, 1967 is shown separately. The management of the clearing houses at Bangalore, New Delhi, Nagpur, Patna, Hyderabad, Trivandrum, Jaipur and Gauhati was taken over by the Reserve Bank of India in October 1953, August 1956, March 1957, January 1960, May 1960, January 1963, November 1964 and January 1966 respectively.

Table 51

This table gives data on 'cash deposit ratio' which represents percentage of cash in hand and balances with banks to total deposits of different classes of banks.

Tables 52 to 54

The data provided in these tables relate to the working of the Industrial Finance Corporation of India, the State Financial Corporations, the Industrial Development Bank of India and the Industrial Credit and Investment Corporation of India respectively and furnish data on the liabilities and the assets of the same.

## BANKS

Table 48- LIABILITIES AND ASSETS OF THE RESERVE BANK OF INDIA  
(Banking Department)  
as on 30th June

(Rs.crores)

Heads	1951	1956	1961	1966	1971	1976	1981	1986	1987	1988
1	2	3	4	5	6	7	8	9	10	11
<b>Liabilities:</b>										
Paid-up capital and reserves(1)	10	10	85	85	155	155	155	155	155	155
<b>Deposits:</b>										
Central Government	163	57	60	50	55	63	214	57	52	68
State Government	17	13	15	23	87	139	85	14	15	34
Banks	59	55	95	149	269	825	5,584	12,821	16,035	19,497
Others(7)	71	13	115	333	163	2,131	1,728	6,168	5,076	3,795
<b>Total Deposits</b>	<b>310</b>	<b>138</b>	<b>285</b>	<b>555</b>	<b>574</b>	<b>3,158</b>	<b>7,611</b>	<b>19,059</b>	<b>21,178</b>	<b>23,394</b>
<b>Bills payable</b>	<b>2</b>	<b>5</b>	<b>31</b>	<b>34</b>	<b>37</b>	<b>80</b>	<b>57</b>	<b>129</b>	<b>127</b>	<b>112</b>
<b>Other Liabilities(2)</b>	<b>10</b>	<b>40</b>	<b>70</b>	<b>199</b>	<b>558</b>	<b>1,635</b>	<b>5,174</b>	<b>11,923</b>	<b>13,337</b>	<b>15,135</b>
<b>Total liabilities or assets</b>	<b>332</b>	<b>193</b>	<b>471</b>	<b>873</b>	<b>1,324</b>	<b>5,028</b>	<b>12,997</b>	<b>31,266</b>	<b>34,796</b>	<b>38,796</b>
<b>Assets-</b>										
Cash	35	29	45	40	18	25	14	15	16	16
Bills purchased and discounted	2	8	36	106	26	414	4,534	15,835	3,952	4,609
Balance held abroad(3)	178	39	11	27	94	1,196	1,603	3,760	3,676	2,213
<b>Loans and advances to(4)</b>										
Governments	8	2	34	50	98	206	245	18	80	118
Scheduled commercial Banks(5)	..	..	..	..	266	942	571	475	853	504
State co-op.Banks	..	..	..	169	245	247	467	20	31	24
Others	19	70	130	6	69	595	1,705	3,846	4,277	5,120
<b>Total loans and advances</b>	<b>27</b>	<b>72</b>	<b>164</b>	<b>225</b>	<b>678</b>	<b>1,990</b>	<b>2,987</b>	<b>4,360</b>	<b>5,241</b>	<b>5,766</b>
<b>Investment(6)</b>	<b>88</b>	<b>37</b>	<b>189</b>	<b>437</b>	<b>434</b>	<b>575</b>	<b>2,162</b>	<b>5,554</b>	<b>20,058</b>	<b>24,016</b>
<b>Other Assets</b>	<b>2</b>	<b>8</b>	<b>26</b>	<b>38</b>	<b>75</b>	<b>827</b>	<b>1,698</b>	<b>1,743</b>	<b>1,853</b>	<b>2,175</b>

Source: Reserve Bank of India

- (1) The increase represents mainly the profit on revaluation of Bank's gold stocks.
- (2) Includes National Agricultural Credit (Long-term operations) Fund, National Agricultural Credit (Stabilisation) Fund and National Industrial Credit (Long-term operations) Fund from the year 1956 upto 1982.
- (3) Includes cash and short-term securities. From 1969 includes fixed deposits also
- (4) From 1966 onwards figures include loans and advances to State Governments from National Agricultural Credit (Long-term operations) Fund.
- (5) Includes disbursements from National Agricultural Credit (Long-term operations) Fund and National Agricultural Credit (Stabilisation) Fund upto 1982
- (6) Figures from 1966 onwards include investments in Centre & Mortgage Bank Debentures.
- (7) From 1983 onwards National Agricultural Credit (Long-term operations) Fund and National Agricultural Credit (Stabilisation) Fund have been renamed as National Rural Credit (Long Term Operations) Fund and National Rural Credit (Stabilisation) Fund and are included in "Deposits-others".

## BANKS

Table 49-LIABILITIES AND ASSETS OF DIFFERENT CLASSES OF BANKS

A-Scheduled commercial Banks

(i) State Bank of India as on 31st December.

(Rs.lakhs)

Year	Capital and Reserves			Deposits (1)	Cash in hand and at banks	Invest- ments	Loans & advances (including bills discounted & purchased)(3)
	Paid-up capital	Reserve	Total				
1	2	3	4	5	6	7	8
1951	563	635	1,198	23,091	2,957	8,516	14,247
1956	563	638	1,201	23,547	2,278	10,687	14,016
1961	563	820	1,383	53,246	6,754	23,673	25,531
1966	563	1,132	1,695	87,610	6,661	29,870	54,068
1971	563	1,761	2,324	160,201	14,730	55,173	11,419
1976	563	10,183	10,746	452,818	39,640	143,174	325,878
1981	563	28,004	28,567	1,193,359	102,913	437,323	898,365
1985	5,000	72,186	77,186	2,354,948	438,104	825,145	1,531,024
1986	5,000	70,472	75,472	2,569,642	334,571	1,034,789	1,728,688
1987	15,000	96,551	111,551	2,792,851	405,619	1,145,736	2,067,685

(ii) Indian Banks as on 31st December.

(Rs.lakhs)

Year	No. of repor- ting banks(3)	Capital and Reserves			Deposits (1)	Cash in hand and at banks	Invest- ments	Loans & advances (including bills discounted & purchased)(2)
		Paid-up capital	Reserves	Total				
1	2	3	4	5	6	7	8	9
Scheduled Banks(excluding State Bank) having paid up capital and reserves Rs.50 lakhs and over								
1951	75	2,882	2,098	4,980	51,734	8,574	21,727	30,192
1956	71	2,736	2,073	4,814	72,533	9,074	27,043	47,829
1961	66	3,056	2,617	5,672	125,995	12,809	40,264	83,586
1966	59	3,887	4,097	7,984	255,699	26,160	76,605	170,731
1971	59	4,101	5,764	9,865	518,849	46,321	155,985	353,520
1976	98	6,021	10,404	16,425	1,376,793	135,363	415,079	984,227
1981	164	11,939	18,949	30,888	3,894,957	574,977	1,108,337	2,403,142
1985	244	60,020	46,265	106,285	7,510,009	1,157,181	2,277,116	4,491,353
1986	251	101,132	66,711	167,843	9,015,498	1,409,317	2,872,154	5,151,832
1987	252	111,617	88,317	199,934	10,535,772	1,749,016	3,542,583	5,788,514

(iii) Foreign Banks as on 31st December.

(Rs.lakhs)

Year	No. of banks	Deposits in India	Cash		Invest- ments	Bills dis- counted & purchased	Loans and advances
			in hand	in banks			
1	2	3	4	5	6	7	8
1951	16	16,984	281	2,202	4,630	2,583	14,869
1956	17	18,754	281	1,502	4,214	4,064	16,122
1961	15	25,650	237	2,085	4,379	3,773	19,194
1966	13	37,568	303	2,216	10,807	5,021	25,059
1971	12	62,504	486	2,931	18,277	11,996	35,852
1976	12	91,976	594	6,583	31,202	17,299	48,122
1981	16	136,863	1,566	15,187	45,288	25,546	74,989
1985	20	287,101	2,529	51,550	85,809	58,578	154,040
1986	21	372,532	3,274	47,033	125,031	73,917	194,165
1987	21	429,137	2,970	69,878	160,624	77,744	204,152

Source: Reserve Bank of India

Note: The data for 1966 specially of deposits are not comparable with those of earlier years as these are based on revised basis of the classifications in respect of definition and coverage.

Please see footnotes on page 144.

## BANKS

Table 49-LIABILITIES AND ASSETS OF DIFFERENT CLASSES OF BANKS-contd  
B-Non-Scheduled Indian Commercial Banks as on 31st December.

(Rs.lakhs)

Year	Number of reporting banks(3)	Capital and Reserves			Deposits (1)	Cash in hand and at banks	Investments	Loans & advances including bills discounted and purchased(2)
		Paid-up capital	Reserves	Total				
1	2	3	4	5	6	7	8	9
1951	469	939	398	1,337	6,977	1,123	2,658	4,742
1956	333	764	444	1,208	7,375	1,006	3,195	4,254
1961	210	368	212	580	3,996	621	1,419	2,506
1966	27	120	93	213	2,460	408	887	1,373
1971	9	40	42	82	1,064	135	284	726
1976	7	17	49	66	2,127	189	725	1,283
1981	3	9	45	54	974	91	237	686
1985	3	10	52	62	2,298	260	485	1,401
1986	3	11	60	71	2,912	447	555	1,909
1987	3	11	67	78	3,919	551	656	2,463

C-Indian Co-operative Banks as on 30th June.

(Rs.lakhs)

Co-operative year(4) as on 30th June	Number of banks	Capital and Reserves			Deposits	Cash balances (6)	Loans outstanding
		Paid-up capital	Reserves	Total			
1	2	3	4	5	6	7	8
STATE CO-OPERATIVE BANKS							
1956	24	437	328	765	3,667	777	3,477
1961	21	1,824	576	2,400	7,233	1,699	16,669
1966	22	2,833	1,613	4,496	14,651	4,383(a)	30,793
1971	25	4,263	5,006	9,269	27,870	1,948(b)	53,427
1976	26	6,399	9,472	15,871	72,368	7,297(b)	89,360
1981	27	9,777	24,711	34,488	167,426	39,088(a)	183,646
1984(P)	28	13,024	41,405	54,429	255,592	..	291,641
1985(P)	28	13,626	41,685	55,311	296,614	..	315,017
1986(P)	29	14,720	46,874	61,594	338,541	..	385,279
1987(P)	29	15,615	49,843	65,458	381,824	..	406,605
CENTRAL CO-OPERATIVE BANKS(5)							
1956	478	850	665	1,515	5,571	1,460	4,534
1961	390	3,892	1,194	5,086	11,202	4,069	22,003
1966	346	7,632	2,562	10,194	23,659	72,539(a)	43,772
1971	341	14,113	5,792	19,905	43,855	3,854(b)	81,340
1976	344	23,614	12,435	36,049	98,492	13,514(b)	142,816
1981	337	35,923	31,068	66,991	242,313	112,451(a)	298,661
1984(P)	349	45,072	44,914	89,986	376,552	..	470,722
1985(P)	350	47,371	48,106	95,477	432,236	..	507,504
1986(P)	352	50,559	50,108	100,667	493,200	..	544,434
1987(P)	353	57,640	54,249	111,889	592,821	..	621,665

(1) Excludes provident fund deposits, staff security deposits and chit &amp; kurti deposits from 1955.

(2) Excludes money at call and short notice from 1955.

(3) The progressive reduction in the number of Indian Commercial banks, specially of non-scheduled banks in the last many years, has been primarily due to banks merger and amalgamation etc.

(4) Years closing at the end of June in the case of the States and Union Territories. In the case of Jammu &amp; Kashmir the years close in March till 1960-61.

(5) Includes figures of banking unions and industrial co-operative banks upto 1960-61 and banking unions only for the years 1964-65 &amp; onwards.

(6) Including banks balances.

(a) Including call deposits.

(b) Including call deposits but excluding balances with banks.

## BANKS

Table 50-CHEQUE CLEARANCES-BY CENTRES  
As on 31st December(number: '000)  
(amount: Rs. crores)

Centre	1951		1956		1961		1966		1971	
	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount
1	2	3	4	5	6	7	8	9	10	11
Ahmedabad	..	..	..	..	..	..	..	..	..	..
Bangalore	735	83	1,026	121	1,614	255	2,509	569	4,053	1,115
Bhubaneshwar	..	..	..	..	..	..	..	..	..	..
Bombay	10,594	3,181	14,421	3,235	19,939	4,812	27,241	8,378	39,660	14,422
Calcutta	6,990	3,119	8,599	3,080	10,461	4,220	12,741	5,787	13,060	7,315
Hyderabad	..	..	..	..	..	..	..	..	2,041	598
Kanpur	611	145	900	162	1,190	231	1,423	351	1,856	667
Madras	3,316	487	4,253	496	5,181	690	6,507	1,417	6,924	2,363
Nagpur	242	32	393	58	471	72	804	152	1,106	261
New Delhi	739	57	1,447	198	2,738	608	4,680	1,298	7,028	3,216
Patna	..	..	..	..	..	..	..	..	461P	217P
Other Centres	4,819	774	8,460	1,096	16,496	2,384	25,944	4,846	39,049P	11,748P
Total . . . . .	28,047	7,878	39,516	8,446	58,091	13,273	81,879	22,798	115,238P	41,923P

Centre	1976		1981(a)		1986(a)		1987(a)		1988(a)	
	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount
1	12	13	14	15	16	17	18	19	20	21
Ahmedabad	..	..	..	10,247	20,872	19,352	19,552	21,454	25,717	25,557
Bangalore	6,874	2,760	10,150	7,332	17,881	15,168	17,782	17,182	16,152	17,761
Bhubaneshwar	..	..	175	545	397	1,245	464	1,340	549	1,653
Bombay	52,935	31,759	71,744	67,154	61,285	129,387	18,631	44,548	99,878	162,910
Calcutta	17,412	13,817	21,999	24,721	37,410	42,045	25,240	51,159	27,229	59,663
Hyderabad	3,700	1,932	5,615	4,948	12,416	13,041	11,976	14,514	13,963	16,556
Kanpur	2,551	1,375	3,089	2,730	4,321	5,653	4,117	6,237	4,262	6,979
Madras	9,025	5,886	8,825	9,034	24,327	24,304	21,663	23,280	26,302	32,249
Nagpur	1,825	618	2,541	1,601	3,885	3,677	4,202	4,028	4,457	4,902
New Delhi	9,996	8,706	19,314	19,861	64,046	59,556	65,612	72,649	52,271	75,715
Patna	678	674	898	1,248	1,162	2,510	639	2,226	1,373	4,203
Other Centres	71,867	28,211	..	..	7,787	8,698	7,136	9,662	6,773	7,519
Total . . . . .	76,863	95,738	144,350	149,421	255,789	324,636	197,014	288,259	278,926	415,757

Source: Reserve Bank of India

(a) Relates to banks managed by R.B.I.

Please see explanatory note at page 141.

## BANKS

Table 51-CASH DEPOSIT RATIO BY CLASS OF BANKS

As on 31st December (1)	Scheduled Banks		Other	Non-	Co-operative Banks(1)	
	State Bank of India	Foreign banks(2)	scheduled banks	scheduled banks	State Co- operative banks	Central co- operative banks
1	2	3	4	5	6	7
1951	13	15	17	16	..	..
1956	12	10	12	14	21	26
1961	13	9	10	16	24	36
1966	8	7	10	17	18	26
1971	9	5	9	13	12	31
1976	9	8	10	9	13	35
1981	9	12	15	9	..	..
1985	19	19	15	11	..	..
1986	13	14	16	15	..	..
1987	15	17	17	14	..	..

Source: Reserve Bank of India

(1) Figures in respect of Co-operative Bank are as on 30th June. Deposits exclude call deposits.

(2) The percentages for the Foreign Exchange Banks have been calculated on deposits and cash.

Note: The data for the year 1966 in respect of scheduled and non-scheduled commercial banks are not strictly comparable with those of previous years for reasons explained in the note at page 143 ante.

Table 52-INDUSTRIAL FINANCE CORPORATION  
LIABILITIES AND ASSETS

(Rs. lakhs)

As on last Friday of March	Liabilities					Assets			
	Paid-up capital	Reserves (2)	Bonds & deben- tures	Borrow- ings	other liabil- ities(3)	Total lia- bilities or assets	Cash in hand & balances with banks	Loans and advances	Other assets(1)
1	2	3	4	5	6	7	8	9	10
1952	500	2	581	-	40	1,123	55	655	412
1956	500	49	781	61	80	1,470	2	1,401	67
1961	500	172	2,224	1,576	637	5,109	300	4,074	735
1966	835	653	3,348	941	2,758	13,536	205	9,543	3,788
1971	835	1,506	5,769	10,182	3,231	21,523	1,254	15,571	4,698
1976	1,000	3,173	12,719	8,674	3,409	28,975	1,831	22,198	4,946
1981	1,750	4,699	40,954	9,152	4,466	61,021	1,776	53,493	5,752
1986	4,000	18,288	127,647	21,300	10,211	181,446	13,746	153,262	14,438
1987	5,000	23,518	163,103	36,253	13,513	241,387	24,758	195,784	20,845
1988	6,250	27,129	201,597	47,530	23,068	305,574	27,912	255,290	22,372

Source: Reserve Bank of India

(1) Inclusive of Investment in Government securities amounting to Rs.358 Lakhs for the year ended March, 1952, and Rs.201 Lakhs for the year ended March,1971.

(2) Represents special and other reserve funds and reserves for contingencies,doubtful debts and provision for taxation.

(3) Includes the specific grant from Government of India in terms of agreement with kfw from December, 1973.

## BANKS

Table 53-STATE FINANCIAL CORPORATIONS LIABILITIES AND ASSETS

(Rs.lakhs)

As on last Friday of March	Liabilities				Total liabil- ities or assets	Assets			
	No. of Corpor- ations	Capital and reserves	Bonds & deben- tures	other liabil- ities		Cash in hand & balanc- es with banks	Invest- ment in Govt. securi- ties	Loans and advan- ces	Other assets
1	2	3	4	5	6	7	8	9	10
1956	12	1,030	-	40	1,070	360	394	272	44
1961	15	1,543	717	720	2,980	456	460	1,712	352
1966	15	1,759	3,270	3,983	9,012	436	376	5,895	2,305
1971	18	2,620	7,206	6,483	16,310	626	216	12,782	2,685
1976	18	5,478	15,451	22,507	(a) 43,436	2,145	156	35,724	3,511 (b)
1981	18	17,080	35,180	61,873	(a) 114,133	3,015	119	95,029	15,970 (b)
1985	18	28,989	73,474	148,938	(a) 251,401	8,880	40	209,598	32,883 (b)
1986	18	32,165	87,444	172,342	(a) 291,951	8,000	96	253,872	29,983 (b)
1987	18	41,859	100,353	222,911	(a) 365,123	9,712	123	305,690	49,598 (b)
1988	18	45,527	128,516	268,848	442,891	7,842	140	372,426	62,483
1988									
State:									
Andhra Pradesh	1	3,456	12,915	21,600	37,971	772	-	36,500	699
Assam	1	730	867	1,344	2,941	196	-	2,478	267
Bihar	1	2,071	7,922	22,017	32,010	660	32	27,465	3,853
Gujarat	1	3,976	12,675	16,343	32,994	339	2	30,992	1,661
Haryana	1	1,692	2,865	13,301	17,858	82	-	8,209	9,567
Himachal Pradesh	1	1,163	2,722	4,848	8,733	65	19	7,796	853
Jammu & Kashmir	1	1,682	3,372	4,308	9,362	71	-	8,591	700
Karnataka	1	3,523	11,273	36,780	51,576	1,180	-	33,545	16,851
Kerala	1	2,159	4,922	6,471	13,552	82	3	12,978	489
Madhya Pradesh	1	2,560	11,168	17,686	31,414	831	-	28,655	1,928
Maharashtra	1	2,120	6,270	14,987	23,377	439	-	20,230	2,708
Orissa	1	3,124	8,277	14,682	26,083	680	-	21,671	3,832
Punjab	1	1,871	4,015	7,797	13,683	292	-	11,298	2,093
Rajasthan	1	3,717	9,972	16,614	30,303	127	52	26,682	3,494
Tamil Nadu	1	6,254	10,119	18,280	34,653	779	-	31,184	2,638
Uttar Pradesh	1	2,610	13,855	38,527	54,992	1,235	-	44,733	9,024
West Bengal	1	1,643	4,290	10,312	16,245	51	-	14,884	1,310
Union Territories:									
Delhi & Chandigarh	1	1,176	1,017	2,951	5,144	61	32	4,535	516

Source: Reserve Bank of India

(a) Other liabilities include fixed deposits, borrowings from Reserve Bank and refinance from IDBI.

(b) Other assets include investment in shares and debentures.

Notes:

- i. Totals may not tally due to rounding off of figures.
- ii. The jurisdiction of the following SFCs have been extended to the States/Union Territories mentioned here against their names.

Assam-Manipur &amp; Tripura.

Gujarat-Dadra &amp; Nagar Haveli.

Maharashtra-Goa, Daman &amp; Diu

Tamil Nadu IIC Pondicherry.



## BANKS

Table 54- INDUSTRIAL DEVELOPMENT BANK OF INDIA LIABILITIES AND ASSETS

(Rs. crores)

As on 31st March	Liabilities					Total Liabil- ities or Assets	Assets			
	Paid-up capital	Reserves and reserve fund(1)	Bonds & debent- ures	Borro- wings	Other liabil- ities		Cash in hand & balances with Banks	Invest- ments (2)	Loans and advances	Other Assets (3)
1	2	3	4	5	6	7	8	9	10	11
1966	10.0	0.8	..	83.1	13.1	107.0	0.2	20.9	72.8	13.1
1971	30.0	14.8	..	206.6	32.1	283.5	0.1	53.1	158.2	72.0
1976	50.0	32.7	87.9	524.0	80.8	775.4	0.4	102.6	411.3	261.1
1981	115.0	92.2	1,069.9	1,612.8	217.6	3,107.5	3.6	320.6	2,232.0	551.3
1984	385.0	325.8	2,642.6	2,713.9	577.0#	6,644.3	12.6	908.1	4,195.3	1,528.3
1985	415.0	408.9	3,310.0	3,044.2	829.1#	8,005.2	45.7	1,058.8	5,133.9	1,766.8
1986	445.0	485.6	4,083.8	3,408.8	1,246.4#	9,669.6	145.4	1,054.9	6,267.8	2,201.5
1987	475.0	662.5	4,967.7	3,817.2	1,645.4	11,567.8	41.7	1,204.8	7,605.8	2,715.5
1988	495.0	815.2	6,194.4	4,147.7	2,317.3	13,969.6	57.2	1,292.2	9,239.5	3,380.7
1989	540.0	880.7	7,556.2	5,236.5	2,925.8#	17,139.2	117.1	1,557.4	11,270.9	4,193.8

Source: 1. Reserve Bank of India

2. Industrial Development Bank of India

(1) Inclusive of unappropriated profit.

(2) Include Govt. Securities, Shares &amp; Stocks and Bonds &amp; Debentures.

(3) Include Bills of Exchange, Promissory notes discounted/re-discounted. Guarantees &amp; underwriting and other assets.

Includes deposits from companies under the Companies Deposits (Surcharge on income-tax) Scheme deposits under Investment Deposit Account Scheme and deposits from DGR for assistance to Ex-servicemen

Table 55- INDUSTRIAL CREDIT AND INVESTMENT CORPORATION OF INDIA LIABILITIES AND ASSETS

(Rs. crores)

As on 31st March	Liabilities					Total Liabi- lities or Assets	Conti- nent Liabi- lities (2)	Assets				
	Paid-up Capital	Reserves (1)	Borrow- ings	Other liabi- lities	Cash in hand and Bank balance			Invest- ments (3)	Loans & Advances		Other assets (4)	
									Re-loans	Foreign Currency		
1	2	3	4	5	6	7	8	9	10	11	12	
1961	5.0	1.1	11.7	0.6	18.4	1.1	4.5	6.9	2.2	4.2	0.7	
1966	7.5	4.0	62.6	1.8	76.0	3.1	7.4	18.6	17.6	31.4	2.9	
1971	7.5	10.5	127.9	3.2	149.2	5.5	8.7	30.0	25.1	77.7	7.6	
1976	15.0	21.2	260.4	9.8	306.4	6.3	5.2	38.9	58.5	182.2	20.6	
1981	24.8	47.5	646.9	28.1	745.3	7.3	32.3	62.0	352.5	238.5	60.0	
1984	27.0	117.5	1,337.8	52.9	1,535.2	24.4	77.8	90.5	795.3	476.5	95.1	
1985	45.0	151.9	1,617.1	49.1	1,863.1	26.4	99.5	103.9	996.9	537.1	125.7	
1986	49.5	190.8	1,980.7	63.0	2,284.0	..	101.3	116.3	1,211.0	705.9	149.5	
1987	67.0	201.1	2,494.3	132.2	2,894.6	..	17.2	140.2	1,529.5	966.4	241.3	
1988	80.0	291.7	3,322.6	114.3	3,808.6	114.1	109.7	163.9	1,904.1	1,096.3	534.6	

Source: 1. Reserve Bank of India

2. Industrial Development Bank of India

(1) Includes Reserve Fund, Reserve for doubtful debts and provision for taxation.

(2) On account of guarantees, capital issues under written and outstanding letters of credit.

(3) In Govt. Securities, Bonds and debentures, shares and stocks and Unit Trust of India and IRCI.

(4) Guarantees and other Assets.

Note: Totals may not tally due to rounding off of figures.

## ***CO-OPERATIVE SOCIETIES***

**T**his section presents data regarding the number, membership and financial position of various classes of co-operative societies, thus depicting in abstract form the working of co-operative societies in India.

Tables 56 to 63

Table 56 provides the data on number and membership of all types of co-operative societies.

Tables 57-63 present data regarding the number, membership and financial position respectively of the following classes of co-operative banks and societies:-

- (i) State Co-operative Banks.
- (ii) Central Co-operative Banks.
- (iii) Primary Credit Societies (Agricultural and non-agricultural).
- (iv) Grain Banks.
- (v) Central Land Development Banks.
- (vi) Primary Land Development Banks.
- (vii) Primary Non-credit Societies.

The data relate to the years ending June. Prior to 1967-68 'Land Development Banks' were termed as 'Land Mortgage Banks'.

## CO-OPRATIVE SOCIETIES

Table 56-NUMBER AND MEMBERSHIP-ALL TYPES

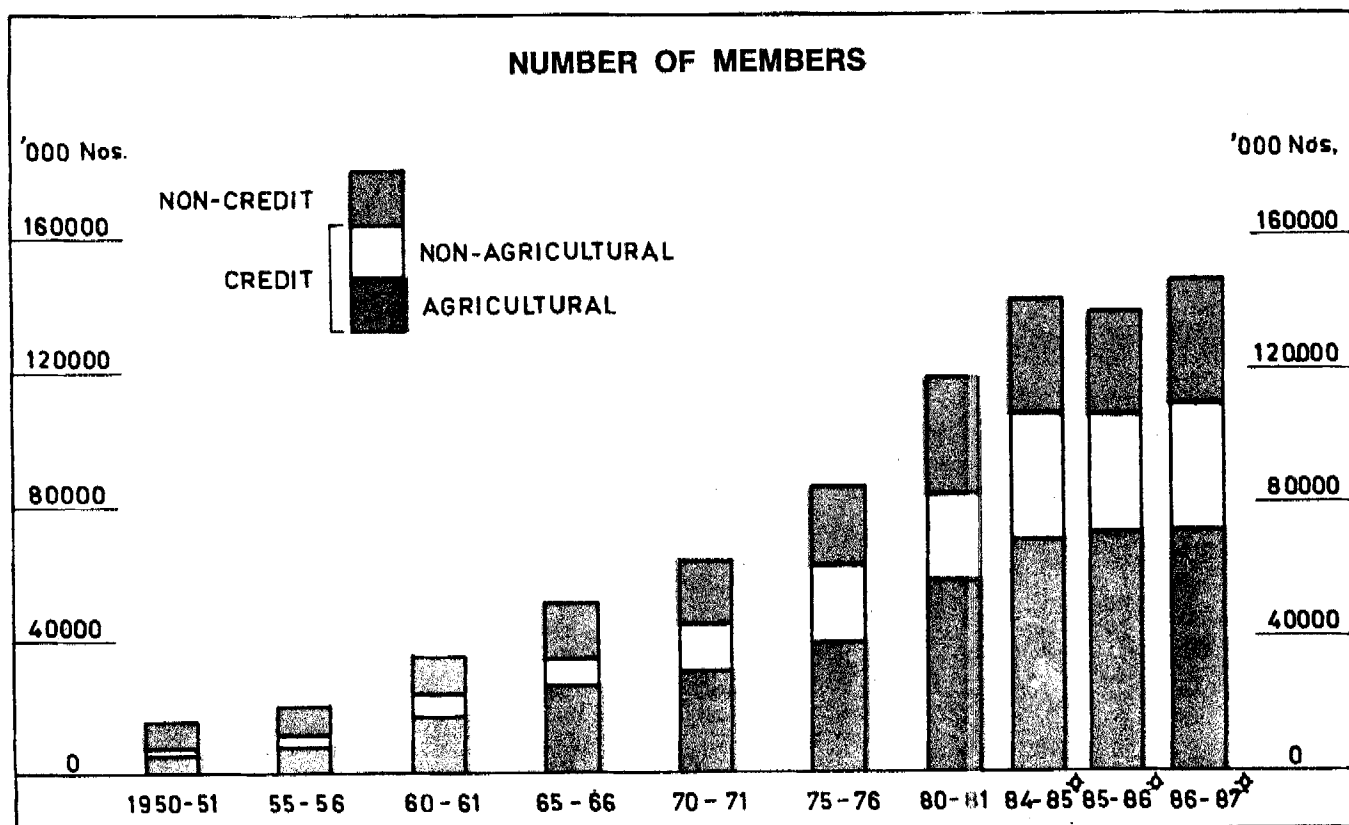
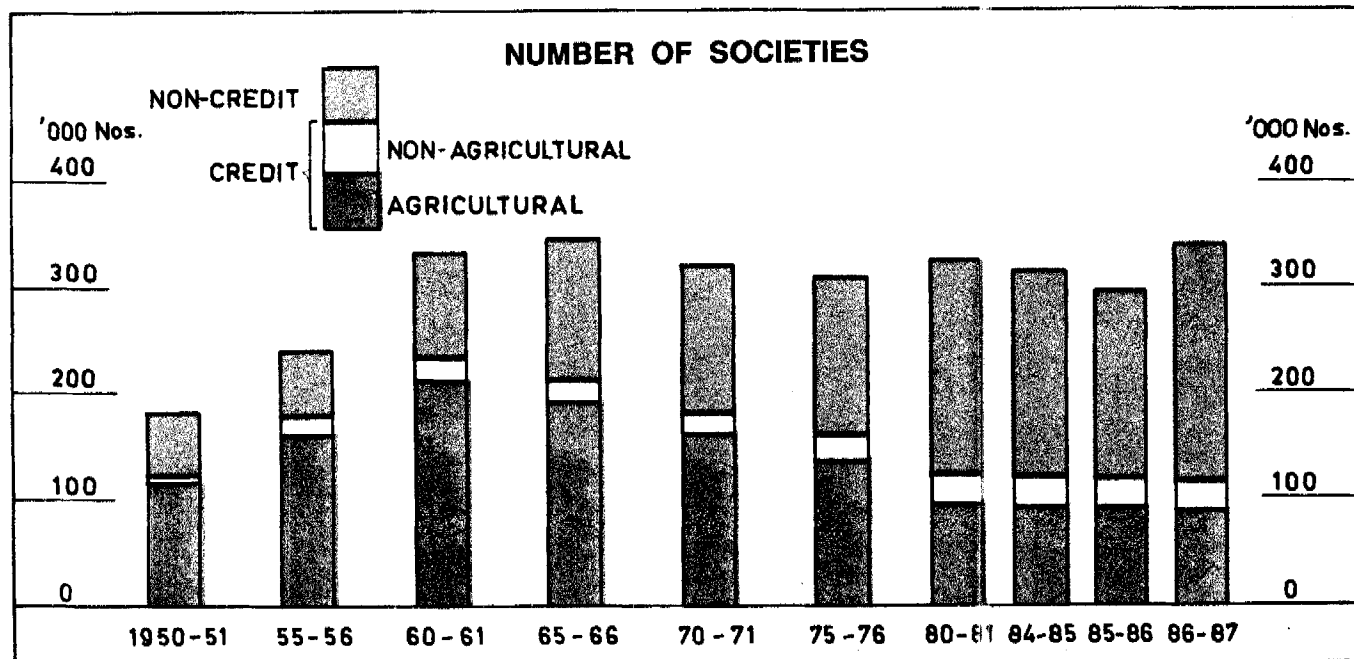
Year/State	No. of societies			Membership('000 no.)		
	Credit	Non-credit	Total	Credit	Non-credit	Total
1	2	3	4	5	6	7
1950-51	124,083	57,106	181,189	7,785	7,699	15,484
1955-56	178,924	61,471	240,395	12,335	7,733	20,068
1960-61	234,428	98,060	332,488	24,136	10,970	35,106
1965-66	214,012	132,176	346,188	35,605	16,294	51,899
1970-71	182,460	137,745	320,205	45,332	19,026	64,358
1975-76	159,782	148,927	308,709	61,390	23,815	85,205
1980-81	123,687	202,640	326,327	83,313	34,264	117,577
1984-85	121,605	194,053	315,658	106,875	34,180	141,055
1985-86	122,266	175,190	297,956	107,051	30,157	137,208
1986-87	118,801	222,821	341,622	110,062	36,477	146,539
1986-87						
State:						
Andhra Pradesh	9,739	19,182	28,921	11,692	1,837	13,529
Assam	..	..	..	..	..	..
Bihar	7,269	18,105	25,374	6,864	1,190	8,054
Goa	202	230	432	187	53	240
Gujarat	10,024	16,896	26,920	5,514	2,966	8,480
Haryana	2,661	6,246	8,907	1,790	674	2,464
Himachal Pradesh	2,292	891	3,183	774	77	851
Jammu & Kashmir(1)	719	160	879	314	37	351
Karnataka	7,373	13,424	20,797	7,503	3,435	10,938
Kerala	3,274	4,826	8,100	9,591	6,953	16,544
Madhya Pradesh	6,533	8,524	15,057	7,018	973	7,991
Maharashtra	26,139	57,321	83,460	14,180	6,820	21,000
Manipur	..	..	..	..	..	..
Meghalaya(2)	221	428	649	81	32	113
Nagaland	312	302	614	7	3	10
Orissa	3,718	3,129	6,847	4,081	634	4,715
Punjab	4,120	12,441	16,561	2,246	795	3,041
Rajasthan	6,133	10,321	16,454	5,269	804	6,073
Sikkim	37	134	171	14	8	22
Tamil Nadu	6,615	15,273	21,888	14,062	4,918	18,980
Tripura	396	843	1,239	232	106	338
Uttar Pradesh	10,245	23,604	33,849	13,753	2,898	16,651
West Bengal(2)	10,363	9,276	19,639	4,764	994	5,758
Union Territory:						
A. & N. Islands	63	285	348	16	30	46
Arunachal Pradesh	24	151	175	9	27	36
Chandigarh	179	461	640	12	33	45
D. & N. Haveli	18	67	85	9	6	15
Delhi	..	..	..	..	..	..
Daman & Diu	17	16	33	10	8	18
Lakshadweep	7	29	36	5	25	30
Mizoram	..	..	..	..	..	..
Pondicherry	108	256	364	65	141	206

Source: National Bank for Agriculture and Rural Development

(1) Data relate to 1984-85.

(2) Data relate to 1985-86.

# PROGRESS OF COOPERATIVE SOCIETIES



## CO-OPERATIVE SOCIETIES

Table 57-NUMBER, MEMBERSHIP AND FINANCIAL POSITION OF  
STATE CO-OPERATIVE BANKS

(amounts in Rs.lakhs)

Year/State	Membership (number)		Share capital	Reser- ves	Depos- its	Borrowings from (1)			Total working Capital	Loans issued during the year	
	Socie- ties	Indivi- duals				Govt.	Reserve Bank of India	Others			Total
1	2	3	4	5	6	7	8	9	10	11	12
1950-51	12,666	8,266	158	222	2,208	187	315	352	854	3,442	4,213
1955-56	24,651	11,743	437	328	3,667	470	1,407	25	1,902	6,334	6,786
1960-61	22,515	7,069	1,824	576	7,233	600	11,382	549	12,531	22,165	25,820
1965-66	12,918	8,092	2,883	1,613	14,651	2,030	16,648	1,174	19,852	38,998	47,422
1970-71	11,756	6,839	4,263	5,006	27,870	1,966	24,191	3,287	29,444	68,521	74,759#
1975-76	12,609	7,189(a)	6,399	9,472	72,368	6,628	24,694	3,050	34,372	128,726	151,481
1980-81	12,706	12,731	9,777	24,711	167,426	9,454	46,134	5,259	60,847	274,960	286,988
1984-85	13,717	17,085	13,626	41,685	296,614	..	..	..	107,620	485,327	441,721
1985-86	17,661	20,438	14,720	46,874	338,541	..	..	..	122,700	534,662	551,442
1986-87(P)	13,910	26,330	15,615	49,898	381,824	..	..	..	143,934	623,937	727,801
1986-87											
State:											
Andhra Pradesh	2,825	3,196	1,747	3,100	17,200	..	..	..	16,259	38,306	34,192
Assam	1,646	6,024	230	1,404	10,465	..	..	..	169	14,657	5,465
Bihar	132	9	572	1,964	14,655	..	..	..	7,791	26,360	11,948
Goa	382	517	113	229	2,473	-	-	-	76	3,030	1,155
Gujarat	360	1	638	3,263	43,759	..	..	..	5,764	58,163	68,148
Haryana	32	5	495	1,772	5,946	..	..	..	12,814	21,931	20,320
Himachal Pradesh	1,424	116	143	394	5,428	..	..	..	534	6,262	12,585
Jammu & Kashmir(1)	665	107	58	83	615	..	..	..	515	1,397	980
Karnataka	72	1	702	2,430	15,199	..	..	..	3,293	22,934	11,514
Kerala	14	1	726	1,246	12,490	..	..	..	6,590	22,836	27,497
Madhya Pradesh	91	1	1,759	2,977	23,704	..	..	..	16,819	47,084	67,590
Maharashtra	2,283	3,611	1,579	14,140	117,555	..	..	..	4,864	144,863	221,522
Manipur	..	..	..	..	..	..	..	..	..	..	..
Meghalaya(1)	412	36	129	44	2,042	..	..	..	44	2,346	181
Nagaland	441	3,121	73	37	1,040	..	..	..	508	1,793	654
Orissa	1,228	1	748	2,226	3,936	..	..	..	9,051	17,251	6,952
Punjab	35	1	1,166	1,209	13,829	..	..	..	7,836	24,688	59,744
Rajasthan	151	1	1,293	2,213	7,384	..	..	..	13,954	26,752	15,052
Sikkim	34	1	6	..	..	..	..	..	..	..	..
Tamil Nadu	17	51	553	3,874	25,126	..	..	..	11,101	42,395	46,245
Tripura	704	600	84	225	1,027	..	..	..	303	1,729	2,251
Uttar Pradesh	66	1	2,000	5,646	44,148	..	..	..	22,375	27,973	101,700
West Bengal(2)	144	1	496	1,147	11,179	..	..	..	3,027	16,873	10,774
Union Territory:											
A. & N. Islands	170	8,040	24	55	650	..	..	..	50	809	312
Arunachal Pradesh	60	1	65	117	691	..	..	..	-	935	452
Chandigarh	289	869	23	8	434	..	..	..	-	506	9
Delhi	-	-	-	-	-	-	-	-	-	-	-
Daman & Diu	-	-	-	-	-	-	-	-	-	-	-
Mizoram	..	..	..	..	..	..	..	..	..	..	..
Pondicherry	233	17	193	95	859	..	..	..	197	1,464	559

Source: 1. Reserve Bank of India

2. National Bank for Agriculture and Rural Development

(1) Data relate to 1984-85.

(2) Data relate to 1985-86

## CO-OPERATIVE SOCIETIES

Table 58—NUMBER, MEMBERSHIP AND FINANCIAL POSITION OF  
CENTRAL CO-OPERATIVE BANKS

(Rs. lakhs)

Year/State	No. of Banks	Membership No.		Share Capital	Depos- its	Reser- ves	Borrowings from (1)				Total work- ing capital	Loans issued during the year
		Socie- ties	Indivi- duals				Govt.	R.B.I. State Coope- rative socie- ties	others	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13
1950-51	505	107,482	99,592	404	479	3,779	17	792	166	975	5,637	8,284
1955-56	478	155,549	144,006	850	665	5,571	167	1,968	45	2,180	9,267	7,983
1960-61	390	235,166	152,530	3,892	1,194	11,202	484	13,142	491	14,117	30,405	35,438
1965-66	346	258,166	103,990	7,632	2,562	23,659	1,461	21,586	1,452	24,499	58,352	77,166
1970-71	341	235,200	75,292	14,113	43,855	5,792	942	35,332	3,040	39,314	108,141	86,639*
1975-76	344	229,772	68,323*	23,614	96,492	12,435	1,104	51,336	4,592	57,032	204,758	172,166
1980-81	337	201,138	61,814	35,923	242,313	31,068	3,458	101,939	13,338	118,735	457,159	321,078
1984-85	350	216,852	56,234	47,371	432,236	48,104	..	..	..	216,378	792,623	647,571
1985-86	352	219,102	49,581	50,559	493,200	50,108	..	..	..	228,773	866,341	733,309
1986-87(P)	353	222,134	69,495	57,640	562,821	54,249	..	..	..	278,611	102,067	634,254
1986-87												
State:												
Andhra Pradesh	27	12,242	3,054	5,567	22,275	4,105	..	..	..	30,084	62,031	21,715
Assam	1	545	3,172	32	593	21	..	..	..	34	728	408
Bihar	34	25,962	2,988	2,138	9,701	1,177	..	..	..	7,916	22,996	6,103
Gujarat	18	21,482	8,732	5,214	84,660	9,949	..	..	..	22,110	129,058	64,366
Haryana	13	7,508	13	1,949	12,564	2,339	..	..	..	16,427	34,877	24,129
Himachal Pradesh	2	2,101	213	79	5,255	347	..	..	..	217	6,712	3,909
Jammu & Kashmir(2)	2	885	1,096	78	546	56	..	..	..	399	1,133	548
Karnataka	19	13,838	1,108	3,829	30,480	2,190	..	..	..	13,451	51,096	24,775
Kerala	14	4,937	14	2,302	32,809	2,433	..	..	..	15,774	53,318	39,063
Madhya Pradesh	45	10,500	45	4,160	37,242	2,773	..	..	..	28,440	74,720	29,086
Maharashtra	30	48,380	23,800	9,820	170,480	9,870	..	..	..	32,550	239,670	195,530
Orissa	17	5,929	17	2,320	8,492	1,968	..	..	..	13,453	28,743	7,783
Punjab	15	16,361	1,598	2,930	27,362	2,823	..	..	..	11,460	47,550	58,533
Rajasthan	25	10,076	26	3,913	17,530	2,374	..	..	..	20,305	46,266	20,300
Tamil Nadu	17	13,560	1,545	4,921	62,550	6,397	..	..	..	32,750	106,618	72,741
Uttar Pradesh	57	18,197	20,113	6,792	56,049	3,716	..	..	..	29,642	96,199	58,680
West Bengal(3)	17	9,631	1,961	1,596	14,233	1,711	..	..	..	3,599	22,332	6,567

Source: 1. Reserve Bank of India

2. National Bank for Agriculture and Rural Development

(1) Outstanding at the end of the year

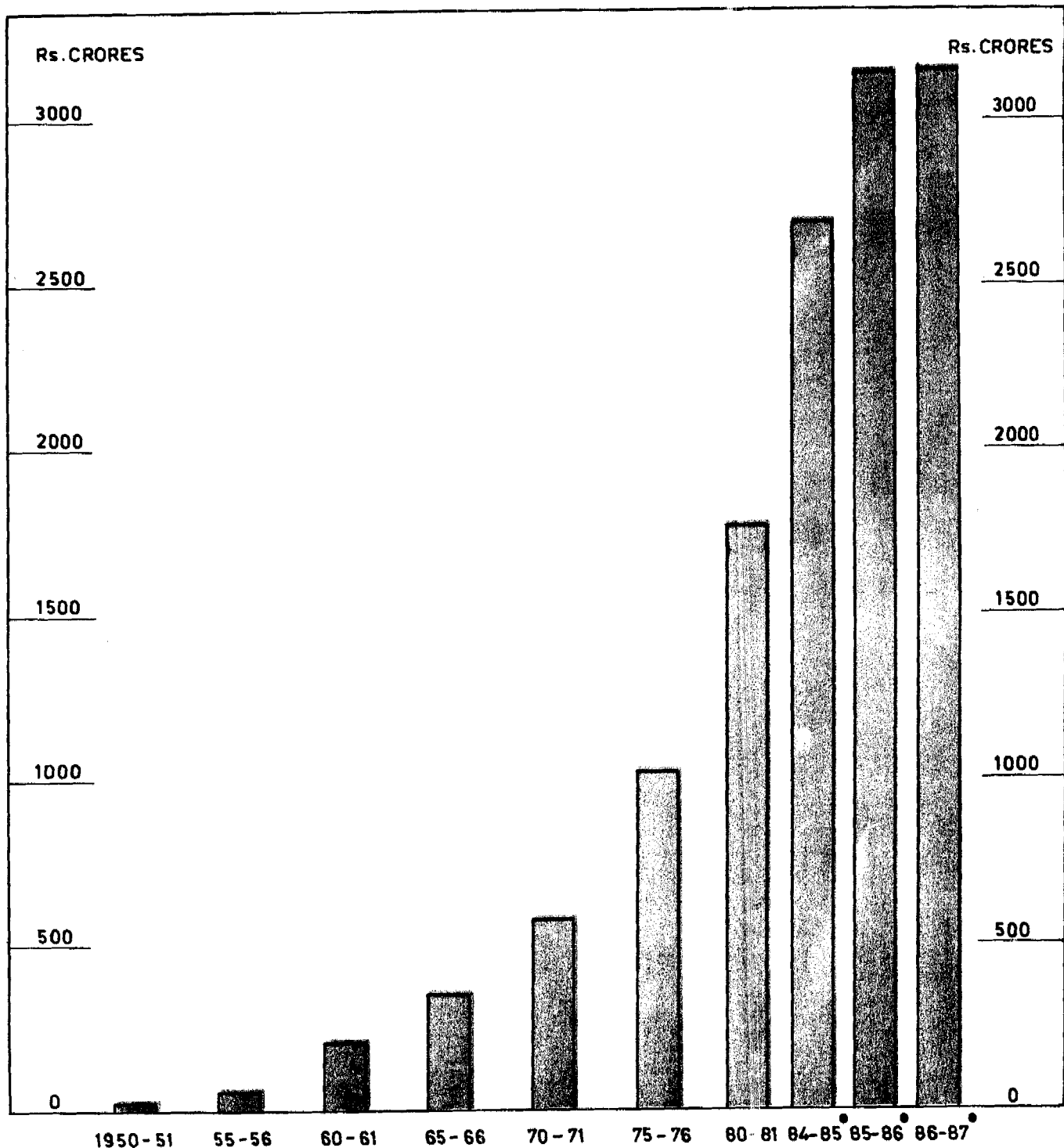
(2) Data relate to 1984-85.

(3) Data relate to 1985-86.

(\*) Excludes normal membership.

(\*\*) Based on highest outstanding.

# LOANS ISSUED BY AGRICULTURAL SOCIETIES EXCLUDING GRAIN BANKS



## CO-OPERATIVE SOCIETIES

Table 59—NUMBER, MEMBERSHIP AND FINANCIAL POSITION OF PRIMARY CREDIT SOCIETIES  
A-AGRICULTURAL CREDIT SOCIETIES (EXCLUDING GRAIN-BANKS)

(amounts in Rs.lakhs)

Year/State	Number of societies	Membership ('000 nos.)	Share Capital	Reserves	Deposits	Loans from				Total working capital	Loans issued during the year
						Government	Central Banks	Others	Total		
						Financing agencies					
1	2	3	4	5	6	7	8	9	10	11	12
1950-51(a)	115,462	5,154	840	886	448	43	1,878	..	1,921	4,096	2,290
1955-56	159,939	7,791	1,680	1,245	705	101	4,179	..	4,280	7,910	4,962
1960-61	212,129	17,041	5,775	1,480	1,458	386	17,472	1,520	19,378	27,392	20,275
1965-66	191,904	26,135	11,532	3,359	3,449	909	34,441	965	36,315	54,656	34,175
1970-71	160,780	30,693	20,574	5,957	6,946	988	63,543	2,988	67,519	151,340	57,788
1975-76	134,838	39,521	32,731	10,956	11,331	1,265	109,921	4,258	115,444	198,970	102,345
1980-81	94,484	57,653	57,108	18,726	29,058	4,802	231,875	7,591	244,268	403,598	176,928
1984-85	91,749	69,182	77,866	25,560	52,406	..	..	..	374,312	591,122	269,301
1985-86	92,403	71,217	83,154	29,608	57,198	..	..	..	392,722	654,761	314,037
1986-87(P)	89,010	71,963	87,836	31,552	70,957	..	..	..	432,641	748,649	314,933
1986-87 State:											
Andhra Pradesh	6,813	7,390	5,084	1,984	1,824	..	..	..	24,150	33,041	3,998
Assam	..	..	..	..	..	..	..	..	..	..	..
Bihar	6,757	5,927	2,099	202	44	..	..	..	5,379	10,224	6,103
Goa	90	54	89	18	2	..	..	..	151	262	48
Gujarat	6,816	2,106	7,467	5,172	2,012	..	..	..	37,081	61,400	28,678
Haryana	2,345	1,429	3,251	212	475	..	..	..	25,452	30,238	17,211
Himachal Pradesh	2,111	731	989	446	2,605	..	..	..	1,592	6,785	1,645
Jammu&Kashmir(1)	687	271	103	18	4	..	..	..	1,316	1,727	273
Karnataka	4,677	4,198	5,715	1,927	2,998	..	..	..	30,044	52,488	10,125
Kerala	1,570	7,185	5,178	4,704	42,851	..	..	..	31,704	141,101	54,273
Madhya Pradesh	5,573	5,311	5,670	2,940	1,375	..	..	..	31,850	49,850	27,687
Maharashtra	18,377	6,500	19,400	4,800	1,750	..	..	..	67,000	97,500	48,000
Manipur	..	..	..	..	..	..	..	..	..	..	..
Meghalaya(2)	180	74	72	10	21	..	..	..	247	1,996	331
Nagaland	307	4	35	..	..	..	..	..	..	42	201
Orissa	2,796	3,165	2,895	952	516	..	..	..	14,276	28,123	5,184
Punjab	3,058	1,780	5,129	1,701	3,367	..	..	..	24,437	39,494	32,175
Rajasthan	5,267	4,435	6,192	1,587	1,070	..	..	..	31,394	48,832	15,186
Sikkim	36	14	28	-	-	..	..	..	38	105	..
Tamil Nadu	4669	6,993	5,967	2,470	5,436	..	..	..	34,259	48,132	26,325
Tripura	380	225	228	300	20	..	..	..	630	1,426	112
Uttar Pradesh	8,599	11,376	9,841	1,425	4,055	..	..	..	59,254	75,392	29,676
West Bengal(1)	7,719	2,720	2,256	519	513	..	..	..	11,961	19,259	7,336
Union Territory:											
A.&N. Islands	44	5	9	13	6	..	..	..	37	59	55
Arunachal Pradesh	19	7	41	58	-	..	..	..	52	405	17
Chandigarh	33	5	6	3	5	..	..	..	2	16	6
D. & N. Haveli	8	8	4	6	-	..	..	..	12	36	5
Daman & Diu	12	8	18	15	2	..	..	..	2	63	5
Delhi	-	-	-	-	-	..	..	..	-	-	-
Lakshadweep	7	5	10	-	9	..	..	..	13	39	24
Mizoram	-	-	-	-	-	-	-	-	-	-	-
Pondicherry	60	37	60	70	3	..	..	..	308	614	254

Source: 1.Reserve Bank of India

2.National Bank for Agriculture and Rural Development

(1) Data relate to 1984-85.

(2) Data relate to 1985-86.

(a) Includes data for Grain bank.



## CO-OPERATIVE SOCIETIES

Table 59—NUMBER, MEMBERSHIP AND FINANCIAL POSITION OF PRIMARY CREDIT SOCIETIES—contd,  
B. NON-AGRICULTURAL CREDIT SOCIETIES

(amount in Rs.lakhs)

Year/State	Number of societies	Member-ship ('000)	Share capital	Reser-ves	Depos-its	Loans from			Total working capital	Loans issued during the year	
						Govern-ment	Central Bank	Others			
1	2	3	4	5	6	7	8	9	10	11	12
1950-51(a)	7,810	2,178	1,212	541	3,502	27	395	-	422	5,678	4,729
1955-56(a)	10,003	3,073	1,909	895	5,354	69	345	2	416	8,574	7,206
1960-61(a)	11,995	4,573	3,297	1,306	9,505	59	632	211	902	15,011	13,037
1965-66(a)	13,449	6,484	5,798	2,207	17,638	39	1,448	291	1,778	27,470	27,031
1970-71(a)	15,346	8,489	10,422	3,762	31,183	70	2,796	283	3,149	53,194	46,552
1975-76(a)	18,573	12,582	17,082	7,217	62,319	85	5,316	765	6,166	103,198	85,889
1980-81(b)	21,788	8,635	24,183	7,580	34,689	152	9,395	1,104	10,651	91,958	68,128
1984-85(b)	25,203	12,998	44,970	12,284	65,265	..	..	..	29,915	173,315	131,093
1985-86(b)	25,708	18,088	43,779	21,490	69,568	..	..	..	25,847	201,635	121,006
1986-87(b)	25,426	13,783	45,371	20,393	77,224	..	..	..	34,065	199,350	121,656
1986-87											
State:											
Andhra Pradesh	2,624	1,800	1,276	631	2,785	..	..	..	1,530	6,222	4,285
Assam	..	..	..	..	..	..	..	..	..	..	..
Bihar	476	311	726	123	1,381	..	..	..	561	2,817	2,068
Goa	105	27	153	16	88	..	..	..	101	442	453
Gujarat	2,886	1,306	3,955	1,399	4,903	..	..	..	1,804	14,187	10,703
Haryana	221	41	132	18	605	..	..	..	182	1,000	629
Himachal Pradesh	172	20	57	21	139	..	..	..	101	362	227
Jammu & Kashmir(1)	28	5	8	1	15	..	..	..	15	64	3
Karnataka	1,528	1,143	3,148	1,333	10,334	..	..	..	5,849	23,240	9,762
Kerala	704	657	1,219	389	3,819	..	..	..	1,003	6,654	5,715
Madhya Pradesh	830	316	648	272	2,145	..	..	..	370	4,500	3,416
Maharashtra	7,274	3,430	23,825	5,225	18,600	..	..	..	10,330	69,000	46,200
Manipur	..	..	..	..	..	..	..	..	..	..	..
Meghalaya(2)	38	4	13	16	95	..	..	..	6	198	92
Nagaland	-	-	-	-	-	-	-	-	-	-	-
Orissa	839	123	370	117	966	..	..	..	542	2,779	511
Punjab	993	57	137	30	209	..	..	..	43	535	384
Rajasthan	749	71	135	20	368	..	..	..	88	875	236
Tamil Nadu	1,609	2,629	6,803	8,557	21,739	..	..	..	9,070	46,169	28,066
Tripura	15	5	7	7	32	..	..	..	c	60	2
Uttar Pradesh	1,558	470	591	260	1,890	..	..	..	522	3,280	1,388
West Bengal(2)	2,552	1,338	2,043	1,926	6,815	..	..	..	1,859	13,897	7,207
Union Territory:											
A.&N. Islands	18	2	3	2	5	..	..	..	3	13	12
Arunachal Pradesh	4	1	c	1	1	..	..	..	c	5	2
Chandigarh	143	5	63	21	180	..	..	..	-	2,762	61
D. & N. Haveli	10	1	11	1	2	..	..	..	2	21	21
Daman & Diu	5	2	4	1	c	..	..	..	c	7	11
Pondicherry	45	19	44	6	106	..	..	..	84	261	202

Source: 1. Reserve Bank of India

2. National Bank for Agriculture and Rural Development

(1) Data relate to 1984-85.

(2) Data relate to 1985-86.

(a) Includes data for primary Co-operative banks.

(b) Data relate to primary non-agricultural credit societies not coming under the purview of the Banking Regulation Act, 1949 and exclude data for 44 banks not coming under the purview of the said Act.

(c) Less than Rs. 50,000.

Table 59—NUMBER, MEMBERSHIP AND FINANCIAL POSITION OF PRIMARY CREDIT SOCIETIES—concl'd.  
B. NON-AGRICULTURAL CREDIT SOCIETIES—cont'd.  
Primary Co-operative Banks

(amount in Rs.lakhs)

Year/State	Number of societies	Membership ('000)	Share Capital	Reserves	Deposits	Government	Loans from Central Banks	Others	Total	Total working capital	Loans issued during the year
1	2	3	4	5	6	7	8	9	10	11	12
1979-80	1,189	6,063	9,452	9,450	102,501	..	..	..	4,539	142,985	105,960
1980-81	1,205	6,854	11,224	12,533	136,371	..	..	..	8,869	196,440	158,625
1981-82	1,236	7,479	14,246	14,793	166,686	..	..	..	11,482	237,960	176,706
1982-83(P)	1,267	7,978	16,144	17,522	207,296	..	..	..	15,143	293,565	202,742
1983-84(P)	1,309	8,992	18,724	21,566	258,529	928	..	..	17,411	360,806	242,362
1984-85(P)	1,511	9,668	22,137	24,241	299,771	..	..	..	28,377	474,632	31,469
1985-86(P)	1,369	9,680	22,831	29,044	349,497	..	..	..	27,184	484,684	339,301
1986-87(P)	1,345	11,041	27,266	34,649	431,918	..	..	..	24,215	584,078	520,737
1986-87											
State:											
Andhra Pradesh	55	418	654	442	5,318	..	..	..	91	6,505	5,489
Assam	..	..	..	..	..	..	..	..	..	..	..
Bihar	-	-	-	-	-	-	-	-	-	-	-
Goa	6	105	244	527	5745	..	..	..	b	7600	1,835
Gujarat	297	1,554	4,828	9,580	84,438	..	..	..	1,068	134,378	89,567
Haryana	9	30	100	52	884	..	..	..	67	1,186	1,772
Himachal Pradesh	4	5	23	15	333	..	..	..	6	428	664
Jammu & Kashmir	-	-	-	-	-	-	-	-	-	-	-
Karnataka	221	952	2,237	2,686	27,120	..	..	..	6,020	42,023	20,713
Kerala	58	869	681	772	10,589	..	..	..	1,201	13,243	7,946
Madhya Pradesh	38	168	370	272	4,545	..	..	..	38	6,020	1,815
Maharashtra	376	3,200	13,800	17,700	25,500	..	..	..	9,000	315,000	350,000
Manipur	..	..	..	..	..	..	..	..	..	..	..
Meghalaya(1)	2	3	15	1	32	..	..	..	7	61	7
Nagaland	-	-	-	-	-	-	-	-	-	-	-
Orissa	10	89	186	41	1,825	..	..	..	72	2,636	2,258
Punjab	5	6	31	16	154	..	..	..	1	209	132
Rajasthan	52	140	692	222	4,186	..	..	..	47	6,592	3,186
Tamil Nadu	135	2,767	1,815	1,341	20,032	..	..	..	6,344	29,531	27,817
Tripura	-	-	-	-	-	-	-	-	-	-	-
Uttar Pradesh	25	231	570	301	4,010	..	..	..	135	5,467	2,550
West Bengal(1)	49	496	995	667	7,458	..	..	..	118	12,865	4,704
Union Territory:											
A. & N. Islands	-	-	-	-	-	-	-	-	-	-	-
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	-	-
Chandigarh	2	..	..	..	..	..	..	..	..	..	..
D. & N. Haveli	-	-	-	-	-	-	-	-	-	-	-
Daman & Diu	-	-	-	-	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-	-	-	-
Pondicherry	1	8	25	14	249	..	..	..	b	334	282

(1) Data relate to 1985-86

(b) Less than Rs.50,000.

## CO-OPERATIVE SOCIETIES

Table 60-NUMBER, MEMBERSHIP AND FINANCIAL POSITION OF GRAIN BANKS (1)

(amount in Rs.'000)

Year/State	Number of banks	Membership (number)	Share Capital	Reserve	Deposits	Borrowings	Total working capital	Loans issued during the year
1	2	3	4	5	6	7	8	9
1951-52	9,085	647,502	6,885	3,565	228	354	16,033	3,708
1955-56	8,169	730,428	7,267	13,566	2,091	1,278#	24,211	5,642
1960-61	9,412	1,248,821	14,290	18,666	8,961	11,545	53,462	20,326
1965-66	7,571	1,131,038	16,763	23,458	8,335	19,844	68,400	26,622
1970-71	5,057	546,707	10,735	19,239	1,867	5,312	60,507	7,383
1975-76	5,082	518,926	10,311	27,730	1,804	2,751	94,190	9,209
1980-81	4,960	485,659	21,138	21,000	21,329	3,091	93,882	29,999
1981-82	4,653	457,684	19,228	18,740	3,027	3,175	64,821	6,290
1982-83	4,540	417,178	20,894	22,940	3,033	3,962	94,106	7,391
1983-84(P)	783	92,751	3,436	3,993	865	1,959	27,101	6,611
1983-84								
State:								
Andhra Pradesh	-	-	-	-	-	-	-	-
Bihar	2	91	100	20	386	-	7,361	2,184
Gujarat	2	490	9	33	-	2	67	-
Karnataka	-	-	-	-	-	-	-	-
Madhya Pradesh	14	826	114	375	125	69	1,222	1,646
Maharashtra	168	23,855	2,088	1,268	72	35	6,351	795
Orissa	-	-	-	-	-	-	-	-
Rajasthan	3	336	21	284	-	15	774	-
West Bengal	594	67,153	1,104	2,013	282	1,838	11,326	1,986

Source: National Bank for Agriculture and Rural Development(NABARD)

(1) Includes active and dormant.

# Loans from other sources amounted to Rs. 6 thousand.

## CO-OPERATIVE SOCIETIES

Table 61-MEMBERSHIP AND FINANCIAL POSITION OF CENTRAL LAND DEVELOPMENT BANKS

(amount in Rs.lakhs)

Year/State	Membership(numbers)			Total share capital	Total reserves	Deposits	Borrowings from				Total Capital	Loans issued during the year	
	Primary Land development banks	Other banks and societies	Individuals				Debentures	Govt.	Co-operative banks	Others			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1951-52	398	..	9,450	31	33	..	675	19	13(a)	1(a)		772	133
1955-56	491	..	90,295	79	54	..	1,494	87	21(a)	118(a)		1,853	283
1960-61	414	282	273,795	433	111	56	3,653	341	123	43		4,760	1,162
1965-66	646	192	664,425	1,539	265	291	17,837	157	314	256		20,659	5,641
1970-71	855	171	1,442,132	4,888	910	718	74,290	71	665	1,006		84,122	18,828
1975-76	883	1,864	3,242,541	9,870	5,561	1,729	138,382	411	1,200	517		166,729	20,493
1980-81	848	3,487	2,766,595	15,425	14,063	2,913	198,397	2,199	1,142	985		254,373	36,310
1984-85	..	3,849	3,307,944	18,076	24,748	2,675	..	..	..	..	257911	335,993	46,129
1985-86	..	3,848	3,468,221	19,301	28,001	2,767	..	..	..	..	285395	353,172	53,283
1986-87(P)	..	4,028	11,723,751	20,605	30,767	2,835	..	..	..	..	313016	390,064	55,167
1986-87													
State:													
Andhra Pradesh	..	240	5	1,600	3,637	662	..	..	..	..	43,123	49,022	7,385
Assam	..	25	15	97	1	140	..	..	..	..	874	1,268	46
Bihar	..	-	597,000	2,591	162	608	..	..	..	..	15,555	23,712	5,191
Goa	-	-	-	-	-	-	-	-	-	-	-	-	-
Gujarat	-	-	493,478	1,144	2,820	-	..	..	..	..	10,881	15,812	1,888
Haryana	..	71	3	992	1330	99	..	..	..	..	25,410	29,108	3,667
Himachal Pradesh	..	19	11,502	120	2	-	..	..	..	..	728	956	189
Jammu & Kashmir(1)	..	-	37,831	64	73	18	..	..	..	..	532	694	104
Karnataka	..	177	1	1,322	1,404	389	..	..	..	..	26,922	32,420	4,189
Kerala	..	37	2	661	1,574	116	..	..	..	..	21,051	23,402	2,915
Madhya Pradesh	..	45	155	992	1,431	66	..	..	..	..	19,806	24,213	3,281
Maharashtra	..	3,038	8,936,822	4,000	6,244	7	..	..	..	..	39,533	54,245	6,481
Orissa	..	54	1	487	452	86	..	..	..	..	7,558	10,250	792
Punjab	..	49	1	950	1,194	-	..	..	..	..	25,822	30,736	5,718
Rajasthan	..	54	3	612	731	20	..	..	..	..	14,420	18,070	2,108
Tamil Nadu	..	182	89	709	5,102	610	..	..	..	..	14,660	21,082	1,621
Tripura	..	-	-	-	-	-	-	-	-	-	-	-	-
Uttar Pradesh	..	9	1,636,481	3,789	4,390	11	..	..	..	..	39,738	47,928	8,686
West Bengal(2)	..	24	8,803	456	208	3	..	..	..	..	6,260	6,927	853
Union Territory:													
Pondicherry	..	4	1,779	39	12	b	..	..	..	..	143	219	53

Source: 1.Reserve Bank Of India.

2.National Bank for Agriculture and Rural Development (NABARD)

(1)Data relate to 1984-85

(2)Data relate to 1985-86

(a)The figures include deposit also

(b)Less than Rs. 50,000

## CO-OPERATIVE SOCIETIES

Table 62-NUMBER, MEMBERSHIP AND FINANCIAL POSITION OF PRIMARY LAND DEVELOPMENT BANKS

(amount in Rs.lakhs)

Year/State	Number of banks	Member- ship ( '000)	Total share capital	Reserves	Deposits	Borrow- ing	Total working capital	Loans issued during the year
1	2	3	4	5	6	7	8	9
1950-51	286	215	52	16	..	597#	666	129
1955-56	302	314	86	30	..	1,018#	1,135	174
1960-61	463	669	197	49	40	2,413	2,699	717
1965-66	673	1,845	1,118	155	435	11,984	13,693	4,122
1970-71	865	3,537	4,155	613	257	44,656	55,066	11,894
1975-76	890	4,638	6,317	870	500	59,635	70,423	13,610
1980-81	858	6,566	10,401	2,632	708	97,361	125,932	23,451
1984-85	890	7,278	18,509	3,881	1,227	122,201	170,943	31,241
1985-86	910	7,826	14,963	4,914	1,095	144,958	177,685	39,004
1986-87(p)	899	8,795	17,357	5,099	1,485	162,310	201,626	39,080
1986-87								
State:								
Andhra Pradesh	218	2,062	4,368	782	451	29,541	35,141	11,733
Assam	..	..	..	..	..	..	..	..
Gujarat	3	7	4	15	-	15	84	-
Haryana	71	283	1,926	206	12	21,739	27,540	3,864
Himachal Pradesh	1	3	36	-	3	194	234	63
Karnataka	177	1,195	2,016	431	169	22,480	26,473	5,089
Kerala	38	516	1,202	1,029	42	15,440	17,232	3,963
Madhya Pradesh	45	1,212	2,050	240	312	16,365	22,250	3,310
Orissa	54	697	668	89	177	6,364	9,109	790
Punjab	47	384	1,974	201	7	18,893	23,753	5,100
Rajasthan	34	595	1,181	542	61	12,027	14,718	2,172
Tamil Nadu	183	1,658	1,416	1,415	240	14,655	18,821	2,221
Uttar Pradesh	4	1	1	1	a	a	3	-
West Bengal (1)	24	182	515	148	5	4,597	6,268	775

Source: 1. Reserve Bank of India

2. National Bank for Agriculture and Rural Development (NABARD)

(1) Data relate to 1985-86

(a) Less than Rs.50,000.

(# ) The figures include deposits also.

# CO-OPERATIVE SOCIETIES

Table 63-NUMBER, MEMBERSHIP AND FINANCIAL POSITION OF PRIMARY NON-CREDIT SOCIETIES (EXCLUDING INSURANCE SOCIETIES)

(amount in Rs.lakhs)

Type of Society	Number of societies	Membership ('000)	Share capital	Reserves (a)	Borrowings from			Total working capital (1)	Purchase/Production during the year	Sales during the year
					Govt. financing	Central agencies	Others			
1	2	3	4	5	6	7	8	9	10	11
1950-51	54,310	6,013	1,398	853	562	707	1,352	4,872	14,556	15,582
1955-56	57,983	5,431	2,029	1,367	1,235	1,049	2,207	7,887	7,288	7,590
1960-61	96,228	10,649	6,102	3,418	3,135	4,682	7,078	24,414	20,822	34,468
1965-66	130,153	15,428	12,537	7,257	6,253	10,132	14,268	50,447	59,664	88,386
1970-71	135,498	15,477	21,181	5,931	8,403	21,210	27,298	131,883	79,734	121,895
1977-78	141,421	17,870	42,711	38,385	11,339	47,675	62,385	290,898	221,763	234,148
1980-81	200,127	28,854	67,315	69,050 (a)	25,485	43,564	71,240	456,990	326,726	425,878
1984-85	157,732	23,002	76,663	..	..	..	..	491,171	..	626,138
1985-86	168,918	21,007	104,837	..	..	..	..	..	..	875,475*
1985-86										
Marketing Societies	6,205	4,281	8,726	..	..	..	..	63,582	..	294,397
Milk Supply Societies	54,287	2,808	2,359	..	..	..	..	26,656	..	96,379
Ghee Union	..	..	..	..	..	..	..	..	..	..
Poultry Societies	1,675	93	146	..	..	..	..	1,074	..	721
Other Livestock Product Societies	..	..	..	..	..	..	..	..	..	..
Farming Societies	7,759	321	420	..	..	..	..	3,972	..	1,712
Irrigation Societies	..	..	..	..	..	..	..	..	..	..
Sugar Factories	236	1,725	55,823	..	..	..	..	228,866	..	247,061
Cotton Ginning and Pressing Societies	..	..	..	..	..	..	..	..	..	..
Other Agricultural Processing Societies	987	405	1,942	..	..	..	..	11,030	..	7,225
Other Agricultural Non-credit Societies	..	..	..	..	..	..	..	..	..	..
Weaver's Societies	15,202	1,359	4,919	..	..	..	..	26,963	..	45,086
Spinning Mills	170	301	28,117	..	..	..	..	60,063	..	44,527
Other Industrial Societies	..	..	..	..	..	..	..	..	..	..
Consumers Co-operative stores	20,012	5,730	4,306	..	..	..	..	13,321	..	66,466
Housing Societies	..	..	..	..	..	..	..	..	..	..
Fisheries Societies	5,345	560	831	..	..	..	..	4,266	..	3,008
Other Non-agricultural Non-credit Societies	..	..	..	..	..	..	..	..	..	65,884
Co-operative Industrial Societies	38,657	2,256	6,072	..	..	..	..	18,771	..	33,883
Cold Storages	..	..	..	..	..	..	..	..	..	..
Multi-Unit	..	..	..	..	..	..	..	..	..	..
Labour Contract & Construction Societies	16,895	924	1,028	..	..	..	..	10,589	..	28,426
Forest Labourers Societies	1,488	244	150	..	..	..	..	22,018	..	6,584
Transport Societies	..	..	..	..	..	..	..	..	..	..
Electricity Societies	..	..	..	..	..	..	..	..	..	..

Source: National Bank for Agri. & Rural Dev.(NABARD)

(\*) Covers value of sales, works executed etc.

(a) Includes reserve fund, price fluctuation fund, depreciation fund etc.

## *JOINT STOCK COMPANIES*

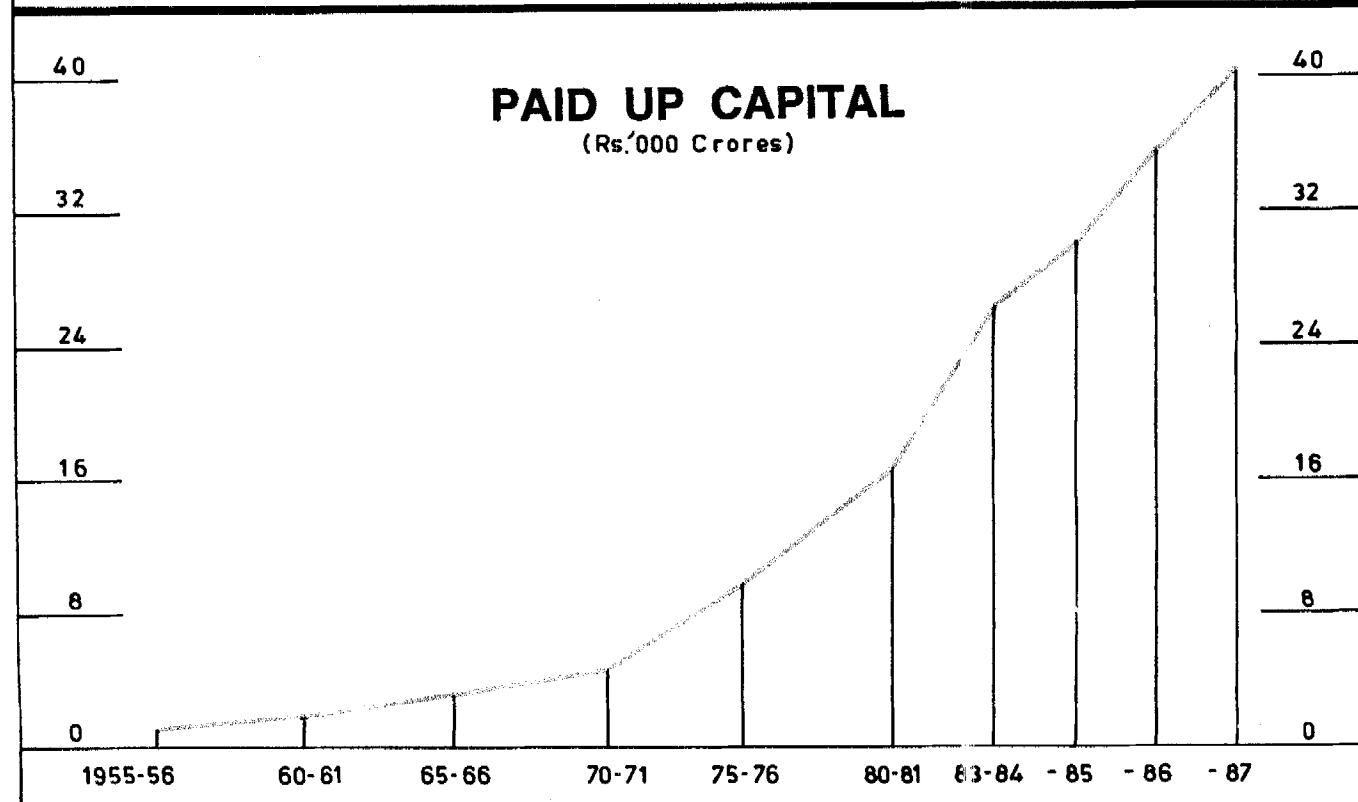
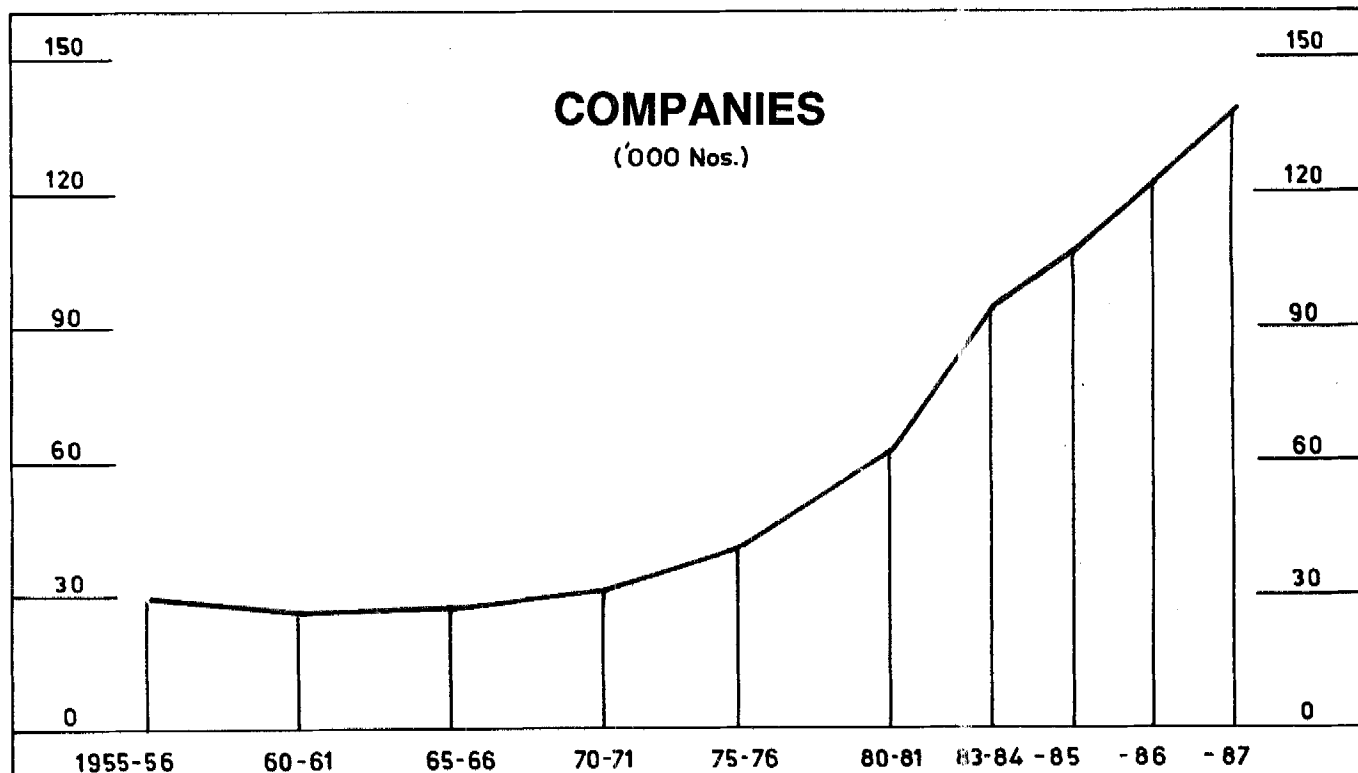
**T**his section contains statistics relating to joint stock companies which are based on returns received from Registrars of Joint Stock Companies.

Tables 64 to 66

These tables present data regarding joint stock companies at work, newly registered and liquidated respectively.

Statistics are given for the number and paid-up capital of the companies, liability of which is limited by shares only. Authorised capital is given in the case of newly registered companies (Table 65). Companies (Industrial) are classified according to International Standard Industrial Classification of Economic Activity adopted in 1954-55. Earlier figures, according to old classification, were published in previous issues of the Abstract. The number of foreign companies, which carry on business in India is also shown in Table 64. The figures relate to companies incorporated elsewhere than in India, the majority of which are with sterling capital.

# JOINT STOCK COMPANIES AT WORK





## JOINT STOCK COMPANIES

Table 64-JOINT STOCK COMPANIES AT WORK  
(NUMBER AND PAID-UP CAPITAL)  
By Industries

(capital:Rs.crores)

Year/ State	Agriculture and allied activities		Mining and Quarrying		Processing & Manufacturing			
	0		1		Total		Sugar Industries	
	2+3+4		2.2					
	No.	Paid-up capital	No.	Paid-up capital	No.	Paid-up capital	No.	Paid-up capital
1	2	3	4	5	6	7	8	9
1955-56	1,570	41.5	948	38.0	10,488	572.2	211	31.3
1960-61	1,283	46.2	873	134.4	10,411	1,207.4	209	44.2
1965-66	1,193	63.6	817	261.5	11,374	2,267.4	193	48.9
1970-71	1,245	92.3	901	402.3	13,757	3,398.5	207	59.3
1975-76	1,444	128.7	999	993.7	21,387	5,765.8	276	84.9
1980-81	1,977	286.8	1,130	2,473.8	32,476	8,588.1	306	159.1
1983-84	2,530	348.2	1,361	5,908.4	47,995	17,062.4	323	189.9
1984-85	2,815	393.9	1,472	6,802.7	54,738	19,291.9	331	200.9
1985-86	3,181	458.6	1,612	8,141.2	62,649	22,890.8	347	222.9
1986-87	3,690	477.7	1,722	9,907.3	71,081	24,948.2	364	232.1
1986-87								
State:								
Andhra Pradesh	184	24.0	68	440.1	3,185	1,072.6	39	20.2
Assam	295	48.1	15	75.9	502	227.4	2	4.1
Bihar	35	5.5	91	1,254.0	992	476.4	3	16.1
Gujarat	103	8.0	36	11.6	4,938	1,128.5	17	1.1
Haryana	5	-	4	0.8	736	260.3	4	2.3
Himachal Pradesh	16	9.9	2	0.3	265	47.0	1	-
Jammu & Kashmir	13	-	8	22.0	182	38.3	-	-
Karnataka	247	33.7	104	859.0	3,878	835.7	21	13.2
Kerala	272	58.0	22	59.5	1,677	633.3	2	0.9
Madhya Pradesh	62	13.0	25	2.8	1,392	215.3	14	1.2
Maharashtra	503	35.4	155	90.9	17,270	3,113.9	53	31.2
Manipur	5	0.5	-	-	3	8.0	-	-
Maghalaya	8	1.2	12	1.4	50	19.6	-	-
Nagaland	2	-	2	-	65	71.4	2	7.4
Orissa	67	7.3	30	510.6	795	126.7	2	1.2
Punjab	43	0.6	3	0.8	1,792	117.8	5	1.4
Rajasthan	22	2.2	168	447.3	1,662	147.4	8	4.0
Sikkim	-	-	-	-	-	-	-	-
Tamil Nadu	380	39.2	80	1,299.7	5,410	993.3	32	36.0
Tripura	8	1.7	-	-	10	8.1	-	-
Uttar Pradesh	87	6.6	30	32.5	3,706	763.9	65	63.4
West Bengal	1,056	133.6	736	4,226.6	12,028	1,880.9	64	14.9
Union Territory:								
A. & N. Islands	2	3.8	-	-	3	-	-	-
Arunachal Pradesh	2	1.8	-	-	52	1.1	-	-
Chandigarh	15	7.0	3	-	711	91.0	7	7.0
D. & N. Haveli	-	-	-	-	17	0.2	-	-
Delhi	221	35.7	57	527.4	9,264	12,588.1	22	5.9
Goa, Daman & Diu	35	0.9	71	44.1	322	72.2	-	-
Lakshadweep	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-
Pondicherry	2	-	-	-	149	9.8	1	0.6

Source: Department of Company Affairs, Ministry of Industry

## JOINT STOCK COMPANIES

Table 64-JOINT STOCK COMPANIES AT WORK-contd.  
(NUMBER AND PAID-UP CAPITAL)  
By Industries

(capital: Rs.crores)

Year/State	Processing & Manufacture-contd.							
	Tobacco		Textiles(1)		Leather and Leather products		Iron & steel (Basic manufacture)	
	2.5		2.6 +2.7		2.9		3.0	
	No.	Paid-up capital	No.	Paid-up capital	No.	paid-up capital	No.	paid-up capital
1	10	11	12	13	14	15	16	17
1955-56	66	19.3	1,575	188.8	176	3.6	342	34.8
1960-61	58	19.7	1,433	224.8	148	4.0	505	379.1
1965-66	61	21.4	1,549	279.8	136	5.0	576	699.4
1970-71	75	28.7	1,641	353.8	187	8.6	625	1,059.5
1975-76	126	39.5	2,203	544.1	271	15.3	1,120	1,610.9
1980-81	157	44.2	3,197	1,050.6	497	33.4	1,526	424.6
1983-84	239	52.1	4,658	1,480.3	685	58.9	2,171	5,535.7
1984-85	265	62.9	5,279	1,589.6	777	69.1	2,478	5,946.2
1985-86	291	77.2	5,977	1,769.9	910	83.8	3,052	6,369.3
1986-87	318	77.6	6,748	1,980.8	1,045	88.8	3,392	6,823.6
1986-87								
State:								
Andhra Pradesh	86	14.9	182	40.8	26	7.6	155	2,175.2
Assam	-	-	21	4.1	10	-	44	0.9
Bihar	-	-	52	11.6	10	2.8	75	8.7
Gujarat	26	0.6	706	179.7	24	1.3	136	17.2
Haryana	4	-	70	7.8	7	1.5	52	8.8
Himachal Pradesh	-	-	10	12.1	3	-	17	1.0
Jammu & Kashmir	1	0.3	16	2.3	-	-	7	-
Karnataka	22	2.7	204	62.9	31	2.1	148	77.2
Kerala	-	-	112	30.4	7	1.1	59	13.2
Madhya Pradesh	26	1.2	109	110.2	26	0.6	80	2.9
Maharashtra	49	13.5	1,844	381.7	136	0.6	448	139.9
Manipur	-	-	5	7.1	-	-	-	-
Maghalaya	-	-	8	1.8	2	-	3	0.3
Nagaland	-	-	2	-	-	-	2	0.2
Orissa	1	-	51	17.9	5	1.7	52	10.3
Punjab	-	-	259	18.6	26	1.7	79	4.7
Rajasthan	3	-	258	37.8	19	3.6	105	6.3
Sikkim	-	-	-	-	-	-	-	-
Tamil Nadu	17	1.8	853	139.9	177	7.5	199	15.6
Tripura	-	-	3	7.0	-	-	-	-
Uttar Pradesh	13	0.2	344	218.0	170	31.8	116	9.4
West Bengal	50	41.9	934	207.7	188	13.1	1,129	253.4
Union Territory:								
A. & N. Islands	-	-	-	-	-	-	-	-
Arunachal Pradesh	-	-	-	-	-	-	-	-
Chandigarh	-	-	57	9.1	7	3.4	25	4.3
D. & N. Haveli	-	-	-	-	3	-	2	-
Delhi	20	0.5	621	470.5	157	2.4	445	4,060.2
Goa, Daman & Diu	-	-	16	0.3	9	-	7	14.1
Lakshadweep	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-
Pondicherry	-	-	11	1.5	2	-	7	-

(1) Includes textiles, spinning, weaving, and finishing(including dyeing, bleaching, printing, processing and manufacturing not elsewhere classified).

## JOINT STOCK COMPANIES

Table 64-JOINT STOCK COMPANIES AT WORK-contd.  
(NUMBER AND PAID-UP CAPITAL)  
By Industries

(capital: Rs.crores)

Year/State	Processing and Manufacturing- contd.							
	Chemical & Chemical products(2)		Product of petroleum and coal		Manufacture of cement(Hydraulic)		Construction and utilities	
	3.6+3.8		4.0		4.1		5	
	No.	Paid-up capital	No.	Paid-up capital	No.	paid-up capital	No.	paid-up capital
1	18	19	20	21	22	23	24	25
1955-56	8,832	62.9	28	14.5	34	25.2	781	53.5
1960-61	1,562	118.9	32	29.3	33	41.5	669	54.2
1965-66	1,580	275.4	51	110.4	50	51.5	668	69.2
1970-71	1,959	471.2	48	135.6	59	89.0	742	81.4
1975-76	3,192	1,225.9	102	162.1	73	159.4	1,110	190.6
1980-81	5,373	2,877.6	177	277.0	132	213.4	1,800	348.6
1983-84	7,986	3,218.1	267	534.7	293	435.1	3,515	627.5
1984-85	9,225	3,430.7	317	598.0	582	542.2	4,202	755.1
1985-86	10,601	3,817.2	384	715.6	690	681.8	5,032	828.4
1986-87	11,486	4,316.4	446	728.6	757	731.6	6,096	1,391.5
1986-87								
State:								
Andhra Pradesh	647	81.7	4	4.4	49	30.7	205	79.2
Assam	72	4.3	19	251.3	-	-	78	10.4
Bihar	146	12.1	16	0.5	13	5.1	133	77.1
Gujarat	1,055	504.2	25	1.9	144	24.9	299	135.8
Haryana	95	131.0	2	-	8	0.5	37	36.8
Himachal Pradesh	56	1.4	-	-	10	-	14	-
Jammu & Kashmir	26	1.9	4	-	8	28.7	20	3.7
Karnataka	541	66.5	6	0.2	78	12.3	301	206.8
Kerala	292	219.2	6	16.9	8	26.6	100	6.6
Madhya Pradesh	219	9.4	8	0.9	40	0.5	127	35.1
Maharashtra	3,338	1,301.7	99	371.8	93	71.4	2,012	260.8
Manipur	-	-	-	-	-	-	4	-
Maghalaya	10	1.1	-	-	3	19.3	14	1.0
Nagaland	-	-	-	-	-	-	-	-
Orissa	121	3.6	8	-	16	7.2	51	70.5
Punjab	185	5.0	10	0.2	8	-	96	1.0
Rajasthan	252	13.6	8	-	78	23.9	80	6.6
Sikkim	-	-	-	-	-	-	-	-
Tamil Nadu	817	86.0	17	152.6	23	34.3	219	24.7
Tripura	-	-	-	-	-	-	2.0	-
Uttar Pradesh	608	26.5	11	-	34	128.6	225	35.8
West Bengal	1,707	150.2	158	46.9	62	29.0	731	189.8
Union Territory:								
A. & N. Islands	-	-	-	-	-	-	-	-
Arunachal Pradesh	3	-	-	-	-	-	-	-
Chandigarh	97	17.3	2	-	26	-	72	19.4
D. & N. Haveli	8	0.1	-	-	-	-	-	-
Delhi	1,098	1,551.5	43	1.7	51	288.6	1,256	187.6
Goa, Daman & Diu	59	28.0	-	-	-	-	20	2.8
Lakshadweep	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-
Pondicherry	34	0.1	-	-	5	-	-	-

(2) Includes basic industrial chemical, fertilisers, power alcohol and also chemical products not elsewhere classified.

## JOINT STOCK COMPANIES

Table 64-JOINT STOCK COMPANIES AT WORK-contd.  
(NUMBER AND PAID-UP CAPITAL)  
By Industries

(capital: Rs.crores)

Year/State	Commerce (Trade and Finance)							
	Total		Trade (wholesale & retail)		Real estate-land and est- ate companies & similar organisations (excluding agricutural land)		Insurance companies	
	6		6.0+6.1		6.2		6.4	
	No.	Paid-up capital	No.	Paid-up capital	No.	paid-up capital	No.	paid-up capital
	26	27	28	29	30	31	32	33
1955-56	11,989	259.3	7,206	105.1	817	27.1	339	12.8
1960-61	9,461	289.1	5,693	115.8	687	28.0	258	23.9
1965-66	9,141	342.4	5,332	146.8	677	30.1	149	16.8
1970-71	9,824	400.8	5,412	167.1	781	35.3	139	19.1
1975-76	12,917	761.2	6,388	296.0	1,121	39.8	112	70.6
1980-81	17,256	1,186.9	8,034	424.3	1,615	60.5	98	73.4
1983-84	27,187	1,623.4	10,704	752.1	2,600	85.8	98	107.0
1984-85	31,003	1,812.9	12,385	860.1	3,044	93.4	98	107.2
1985-86	34,843	2,194.8	13,745	1,017.1	3,437	109.1	101	113.4
1986-87	38,763	2,470.2	14,901	1,115.7	3,905	115.1	102	149.4
1986-87								
State:								
Andhra Pradesh	942	104.2	353	33.7	32	-	2	-
Assam	340	14.3	87	10.6	18	0.2	1	-
Bihar	383	28.6	119	20.5	37	2.0	-	-
Gujarat	2,693	122.8	315	20.3	81	0.3	1	-
Haryana	200	4.1	96	3.0	8	0.2	-	-
Himachal Pradesh	49	4.1	12	5.3	-	-	-	-
Jammu & Kashmir	226	3.0	28	1.4	8	0.7	-	-
Karnataka	1,068	92.9	376	40.1	64	1.2	2	-
Kerala	1,036	74.3	277	24.9	56	0.7	1	-
Madhya Pradesh	352	29.6	83	51.9	34	-	1	-
Maharashtra	9,748	504.7	4,030	227.7	1,051	46.0	38	65.6
Manipur	5	-	2	-	-	-	-	-
Maghalaya	26	0.7	9	0.5	-	-	-	-
Nagaland	7	0.2	2	-	-	-	-	-
Orissa	100	37.3	47	8.5	3	-	1	0.5
Punjab	1,104	15.7	179	7.2	34	0.2	2	-
Rajasthan	502	31.3	124	20.3	52	1.8	-	-
Sikkim	-	-	-	-	-	-	-	-
Tamil Nadu	2,501	181.6	739	63.8	116	1.5	11	30.3
Tripura	7	1.2	2	-	-	-	-	-
Uttar Pradesh	1,476	105.3	410	16.4	30	2.3	9	0.6
West Bengal	9,451	436.9	4,890	267.6	1,507	39.6	23	22.0
Union Territory:								
A. & N. Islands	3	-	2	-	-	-	-	-
Arunachal Pradesh	2	-	-	-	-	-	-	-
Chandigarh	177	28.6	57	18.7	5	-	-	-
D. & N. Haveli	-	-	-	-	-	-	-	-
Delhi	6,178	626.7	2,633	272.8	762	18.1	10	30.4
Goa, Daman & Diu	153	13.6	24	0.5	4	0.3	-	-
Lakshadweep	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-
Pondicherry	41	8.5	5	-	-	-	-	-

## JOINT STOCK COMPANIES

Table 64-JOINT STOCK COMPANIES AT WORK-contd.  
(NUMBER AND PAID-UP CAPITAL)  
By Industries

(capital: Rs.crores)

Year/State	Commerce/Trade &Finance-Concl'd		Transport, Communications and Storage					
	Banking loan Comp- anies and other Financial Institutions		Total		Transport by road(Including Tramways)		Transport by water	
	6.5		7		7.0		7.1	
	No.	Paid-up capital	No.	Paid-up capital	No.	paid-up capital	No.	paid-up capital
1	34	35	36	37	38	39	40	41
1955-56	2,094	81.1	1,593	38.8	1,220	7.6	130	32.2
1960-61	1,839	90.9	1,764	61.0	1,351	8.9	113	44.0
1965-66	2,302	118.0	1,777	79.4	1,322	12.6	130	42.7
1970-71	2,890	153.5	1,733	89.4	1,175	15.2	143	56.9
1975-76	4,882	341.7	2,052	156.1	1,276	28.3	107	84.0
1980-81	7,187	612.7	2,891	235.7	1,489	56.5	338	117.0
1983-84	13,419	948.5	3,666	379.4	1,503	96.5	452	198.0
1984-85	15,656	1,046.3	3,909	396.5	1,626	105.1	475	199.4
1985-86	17,740	1,211.5	4,215	434.3	1,687	134.5	499	219.5
1986-87	20,011	1,338.9	4,581	493.6	1,757	136.2	533	266.5
1986-87 State:								
Andhra Pradesh	568	82.0	68	5.6	28	5.8	7	0.8
Assam	244	6.3	52	2.0	23	2.1	1	-
Bihar	236	11.1	186	7.6	23	0.2	2	1.4
Gujarat	2,432	109.0	83	3.1	19	0.4	10	0.2
Haryana	86	1.3	38	0.5	30	0.6	-	-
Himachal Pradesh	37	-	20	9.8	14	0.2	-	-
Jammu & Kashmir	203	1.1	22	3.2	9	0.2	-	-
Karnataka	625	62.9	125	8.1	57	2.1	7	6.2
Kerala	714	54.9	68	5.6	23	0.6	7	5.2
Madhya Pradesh	237	15.0	86	4.9	48	1.4	-	-
Maharashtra	4,597	165.8	885	169.5	124	3.7	240	181.2
Manipur	4	-	1	-	1	-	-	-
Maghalaya	16	0.4	1	-	1	-	-	-
Nagaland	5	0.2	-	-	-	-	-	-
Orissa	48	30.9	34	6.8	10	7.9	1	-
Punjab	949	9.4	310	4.1	249	4.8	-	-
Rajasthan	343	14.2	42	0.7	23	0.6	-	-
Sikkim	-	-	-	-	-	-	-	-
Tamil Nadu	1,631	97.7	832	61.7	586	50.9	67	22.0
Tripura	5	1.3	1	-	1	-	-	-
Uttar Pradesh	1,026	92.5	213	7.0	36	1.4	1	-
West Bengal	2,962	170.8	758	72.5	196	42.0	124	25.3
Union Territory:								
A. & N. Islands	2	-	1	-	-	-	1	-
Arunachal Pradesh.	2	-	-	-	-	-	-	-
Chandigarh	118	14.8	15	3.4	8	-	-	-
D. & N. Haveli	-	-	1	-	-	-	-	-
Delhi	2,764	375.8	663	88.5	228	4.3	22	2.0
Goa, Daman & Diu	123	12.8	67	29.0	12	7.0	40	22.2
Mizoram	-	-	1	-	1	-	-	-
Pondicherry	34	8.7	8	-	7	-	-	-

## JOINT STOCK COMPANIES

Table 64-JOINT STOCK COMPANIES AT WORK-concld.  
(NUMBER AND PAID-UP CAPITAL)  
By Industries

(capital: Rs.crores)

Year/State	Transport comm- unications and storage-concld.		Community and business services		Personal and other services		Grand Total		Compaines regist- ered elsewhere than in India but working in India (number)
	Railway transport								
	7.3		8		9		0 to 9		
	No.	Paid-up capital	No.	Paid-up capital	No.	paid-up capital	No.	paid-up capital	
1	42	43	44	45	46	47	48	49	50
1955-56	18	2.9	718	6.8	1,787	14.0	29,874	1,024.2	820
1960-61	14	2.4	613	9.6	1,375	16.5	26,149	1,818.5	569
1965-66	15	3.4	673	13.3	1,122	19.4	26,765	3,116.3	587
1970-71	15	3.8	856	24.4	1,264	24.7	30,322	4,513.8	543
1975-76	13	3.6	1,516	1,559.5	1,840	63.5	43,265	9,619.5	481
1980-81	11	2.8	2,642	3,115.5	2,542	121.9	62,714	16,356.7	300
1983-84	12	2.7	4,369	377	3,641	174.1	94,264	26,500.4	326
1984-85	13	2.7	5,083	427	4,147	206.4	107,369	30,086.4	321
1985-86	13	2.8	6,006	499.8	4,621	236.3	122,159	35,684.2	335
1986-87	13	2.8	7,086	554.5	5,171	264.3	138,190	40,507.3	371
1986-87 State:									
Andhra Pradesh	-	-	223	12.0	274	10.9	5,129	1,734.3	1
Assam	1	-	36	14.2	50	0.7	1,379	412.6	4
Bihar	1	0.6	74	40.3	81	16.9	2,007	1,605.3	1
Gujarat	-	-	210	27.4	177	9.4	8,501	1,523.3	1
Haryana	1	-	19	10.0	21	0.4	1,058	324.7	1
Himachal Pradesh	-	-	-	-	23	1.4	420	83.2	-
Jammu & Kashmir	-	-	19	27.3	36	2.0	530	98.3	1
Karnataka	-	-	339	26.1	304	13.4	6,334	1,878.3	9
Kerala	-	-	170	26.3	188	16.4	3,540	959.1	2
Madhya Pradesh	-	-	42	27.5	91	2.8	2,177	347.8	-
Maharashtra	3	1.1	2,054	100.0	1,396	53.8	33,773	4,637.9	145
Manipur	-	-	2	-	5	-	28	9.4	-
Maghalaya	-	-	2	7.0	6	-	122	32.8	1
Nagaland	-	-	-	-	3	-	78	78.7	-
Orissa	-	-	28	45.0	136	4.8	1,247	670.2	-
Punjab	-	-	34	0.2	84	1.6	3,529	156.7	-
Rajasthan	-	-	47	33.3	156	11.0	2,708	582.9	1
Sikkim	-	-	-	-	-	-	-	-	-
Tamil Nadu	-	-	452	14.6	425	20.5	10,951	2,440.1	20
Tripura	-	-	-	-	3	-	32	12.6	-
Uttar Pradesh	-	-	172	8.0	239	20.3	6,154	1,054.6	1
West Bengal	6	1.1	1,542	38.4	756	37.4	27,235	6,151.1	101
Union Territory:									
A. & N. Islands	-	-	-	-	2	-	12	5.1	-
Arunachal Pradesh	-	-	2	-	-	-	57	3.7	-
Chandigarh	-	-	66	38.4	49	5.5	1,090	203.3	-
D. & N. Haveli	-	-	-	-	-	-	18	0.2	-
Delhi	1	-	1,522	55.7	591	29.6	19,578	15,307.2	80
Goa, Daman & Diu	-	-	26	0.8	58	5.5	780	172.3	1
Mizoram	-	-	2	1.0	2	-	5	1.0	-
Pondicherry	-	-	-	1.0	15	-	218	20.5	-

## JOINT STOCK COMPANIES

Table 65-JOINT STOCK COMPANIES: NEWLY REGISTERED  
(NUMBER AND AUTHORISED CAPITAL)  
By Industries

(capital: Rs.'000)

Year/State	Processing and Manufacturing									
	Agriculture & allied activities		Mining and quarrying		Total		Sugar industries		Tobacco	
	0		1		2+3+4		2.2		2.5	
	No. Authorised capital		No. Authorised capital		No. Authorised capital		No. Authorised capital		No. Authorised capital	
1	2	3	4	5	6	7	8	9	10	11
1970-71	48	162,269	33	29,600	1,080	2,016,234	7	97,500	7	20,600
1975-76	63	540,537	32	3,166,760	1,666	6,220,223	12	81,300	13	18,300
1980-81	152	351,625	49	2,064,670	3,668	4,829,897	7	21,000	6	3,650
1981-82	174	269,320	59	100,750	5,019	27,164,233	5	2,800	34	36,400
1982-83	167	197,799	78	80,100	5,120	8,547,657	14	90,200	30	23,200
1983-84	244	247,000	106	122,000	5,763	9,100,000	10	57,000	19	63,000
1984-85	285	309,000	118	165,000	6,866	9,146,000	9	15,000	27	28,000
1985-86	376	618,000	144	240,000	8,055	22,620,000	15	34,000	26	28,000
1986-87	515	661,000	115	155,000	8,576	15,132,000	17	143,000	28	51,000
1986-87										
State:										
Andhra Pradesh	59	121,000	6	5,000	598	1,158,000	9	77,000	3	3,000
Assam	12	21,000	1	2,000	60	144,000	-	-	-	-
Bihar	-	-	3	5,000	194	362,000	1	1,000	-	-
Gujarat	6	2,000	8	6,000	608	789,000	1	1,000	1	-
Haryana	7	5,000	-	-	110	171,000	-	-	-	-
Himachal Pradesh	3	2,000	-	-	90	278,000	-	-	-	-
Jammu & Kashmir	2	2,000	1	-	44	200,000	-	-	1	10,000
Karnataka	6	10,000	4	2,000	440	488,000	1	-	-	-
Kerala	15	33,000	1	-	121	158,000	-	-	-	-
Madhya Pradesh	26	30,000	22	28,000	340	280,000	-	-	3	3,000
Maharashtra	61	33,000	18	16,000	1,825	1,870,000	1	1,000	3	5,000
Manipur	-	-	-	-	-	-	-	-	-	-
Maghalaya	-	-	-	-	3	11,000	-	-	-	-
Nagaland	-	-	-	-	4	7,000	-	-	-	-
Orissa	11	11,000	-	-	122	125,000	-	-	-	-
Punjab	8	7,000	-	-	219	254,000	-	-	1	-
Rajasthan	13	25,000	22	14,000	213	188,000	-	-	1	1,000
Sikkim	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	106	137,000	5	34,000	686	994,000	1	-	2	3,000
Tripura	-	-	-	-	-	-	-	-	-	-
Uttar Pradesh	23	19,000	10	12,000	569	2,590,000	1	62,000	7	12,000
West Bengal	40	63,000	7	23,000	608	2,457,000	-	-	-	-
Union Territory:										
A. & N. Islands	-	-	-	-	-	-	-	-	-	-
Arunachal Pradesh	1	2,000	-	-	4	5,000	-	-	-	-
Chandigarh	5	3,000	-	-	87	148,000	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-	-	-	-	-
Delhi	104	123,000	1	1,000	1,544	2,329,000	2	1,000	6	14,000
Goa, Daman & Diu	2	2,000	3	1,000	17	32,000	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-	-	-
Pondicherry	5	10,000	3	6,000	70	94,000	17	143,000	-	-

Source: Department of Company Affairs,  
Ministry of Industry

## JOINT STOCK COMPANIES

Table 65--JOINT STOCK COMPANIES: NEWLY REGISTERED--contd.  
(NUMBER AND AUTHORISED CAPITAL)  
By Industries

(capital: Rs.'000)

Year/ State	Processing and Manufacturing--contd.									
	Textiles		Leather and leather products		Iron and steel (Basic manufacture)		Chemicals and chemical products(1)		Products of petroleum and coal	
	2.6+2.7		2.9		3.0		3.6+3.8		4.0	
	No.	Authorised capital	No.	Authorised capital	No.	Authorised capital	No.	Authorised capital	No.	Authorised capital
1	12	13	14	15	16	17	18	19	20	21
1970-71	33	282,220	14	17,570	19	10,700	79	367,585	1	100
1975-76	58	134,400	15	4,719	38	182,700	160	169,130	2	1,000
1980-81	374	800,420	70	58,500	180	185,670	624	915,095	22	29,455
1981-82	476	753,544	54	88,150	244	283,075	843	2,217,924	25	24,850
1982-83	507	966,135	62	149,720	184	395,600	843	986,260	28	45,920
1983-84	499	683,000	79	76,000	240	455,000	975	991,000	38	71,000
1984-85	642	675,000	95	125,000	309	577,000	1,293	1,674,000	50	43,000
1985-86	715	1,171,000	131	127,000	513	946,000	1,398	2,889,000	68	62,000
1986-87	778	1,112,000	136	212,000	348	702,000	1,467	2,119,000	65	74,000
1986-87										
State:										
Andhra Pradesh	30	58,000	3	2,000	41	87,000	116	195,000	1	-
Assam	2	4,000	1	2,000	14	26,000	5	45,000	1	1,000
Bihar	6	2,000	-	-	3	3,000	35	26,000	7	13,000
Gujarat	148	243,000	2	1,000	-	-	119	135,000	1	-
Haryana	10	31,000	2	2,000	7	9,000	18	31,000	-	-
Himachal Pradesh	6	14,000	2	1,000	4	5,000	14	46,000	1	3,000
Jammu & Kashmir	3	2,000	1	-	2	61,000	8	6,000	-	-
Karnataka	19	17,000	4	2,000	4	6,000	63	71,000	-	-
Kerala	3	4,000	-	-	5	6,000	20	25,000	-	-
Madhya Pradesh	16	9,000	1	-	31	22,000	62	38,000	4	9,000
Maharashtra	223	243,000	15	64,000	29	47,000	358	295,000	14	8,000
Manipur	-	-	-	-	-	-	-	-	-	-
Maghalaya	-	-	-	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-	-	-	-
Orissa	3	11,000	1	10,000	1	1,000	16	9,000	6	5,000
Punjab	36	56,000	6	6,000	6	4,000	25	43,000	2	2,000
Rajasthan	50	26,000	4	5,000	6	4,000	36	27,000	1	-
Sikkim	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	67	78,000	31	44,000	19	22,000	115	198,000	2	3,000
Tripura	-	-	-	-	-	-	-	-	-	-
Uttar Pradesh	45	48,000	9	11,000	28	48,000	125	499,000	2	2,000
West Bengal	22	121,000	9	8,000	51	143,000	110	141,000	10	7,000
Union Territory:										
A. & N. Islands	-	-	-	-	-	-	-	-	-	-
Arunachal Pradesh	-	-	-	-	-	-	1	1,000	-	-
Chandigarh	4	7,000	4	5,000	1	-	6	29,000	3	3,000
D. & N. Haveli	-	-	-	-	-	-	-	-	-	-
Delhi	76	121,000	39	46,000	92	206,000	187	211,000	9	18,000
Goa, Daman & Diu	3	13,000	1	1,000	1	-	1	2,000	-	-
Lakshadweep	-	-	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-	-	-
Pondicherry	6	4,000	1	2,000	3	2,000	27	46,000	1	-

(1) Includes basic industrial chemicals, fertilisers, power, alcohol and also chemical products not elsewhere classified.



## JOINT STOCK COMPANIES

Table 65-JOINT STOCK COMPANIES: NEWLY REGISTERED-contd.  
(NUMBER AND AUTHORISED CAPITAL)  
By Industries

(capital: Rs.'000)

Year/State	Processing and Manufacturing -contd.		Construction and utilities		Total		Commerce(Trade and Finance)		Real estate-land and estate companies and similar organisations	
	Manufacture of of cement (hydraulic)						Trade (wholesale and retail)			
	4.1		5		6		6.0+6.1		6.2	
	No. Authorised capital		No. Authorised capital		No. Authorised capital		No. Authorised capital		No. Authorised capital	
1	22	23	24	25	26	27	28	29	30	31
1970-71	1	300	41	141,220	492	687,193	203	219,844	38	84,570
1975-76	5	103,250	65	178,640	772	447,036	257	132,079	48	25,999
1980-81	17	81,100	247	526,745	1,687	1,244,348	436	384,190	194	140,155
1981-82	67	157,300	553	879,560	3,091	1,939,633	726	599,891	389	202,159
1982-83	94	154,150	642	982,490	3,539	2,612,832	1,056	1,065,574	328	260,709
1983-84	180	298,000	539	449,000	3,559	3,209,000	948	826,000	307	255,000
1984-85	142	285,000	691	5,651,000	3,905	3,746,000	1,404	1,272,000	360	281,000
1985-86	82	157,000	837	1,318,000	3,909	6,457,000	1,363	1,790,000	396	309,000
1986-87	67	120,000	1,072	1,507,000	4,007	17,443,000	1,201	1,119,000	475	489,000
1986-87										
State:										
Andhra Pradesh	9	22,000	36	42,000	211	241,000	44	37,000	12	17,000
Assam	5	13,000	7	9,000	26	35,000	6	16,000	7	9,000
Bihar	7	6,000	31	24,000	24	18,000	9	6,000	4	3,000
Gujarat	1	1,000	38	166,000	180	346,000	43	21,000	29	75,000
Haryana	2	1,000	12	23,000	38	29,000	8	7,000	-	-
Himachal Pradesh	-	-	1	-	8	5,000	-	-	-	-
Jammu & Kashmir	1	3,000	5	3,000	23	6,000	-	-	-	-
Karnataka	2	10,000	44	143,000	121	230,000	17	9,000	13	10,000
Kerala	-	-	4	-	87	97,000	31	24,000	6	16,000
Madhya Pradesh	2	1,000	42	23,000	22	8,000	-	-	5	2,000
Maharashtra	7	7,000	224	246,000	938	1,450,000	238	230,000	130	96,000
Manipur	-	-	-	-	1	1,000	-	-	-	-
Maghalaya	2	10,000	-	-	4	21,000	-	-	-	-
Nagaland	-	-	-	-	1	10,000	-	-	-	-
Orissa	4	6,000	7	5,000	6	6,000	1	-	-	-
Punjab	-	-	6	10,000	96	49,000	13	6,000	1	1,000
Rajasthan	8	7,000	27	60,000	33	30,000	6	2,000	9	7,000
Sikkim	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	2	13,000	39	49,000	364	425,000	75	55,000	21	29,000
Tripura	-	-	-	-	-	-	-	-	-	-
Uttar Pradesh	10	10,000	61	166,000	112	227,000	5	10,000	6	6,000
West Bengal	1	3,000	78	84,000	732	1,055,000	305	306,000	229	14,000
Union Territory:										
A. & N. Islands	-	-	-	-	-	-	-	-	-	-
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	-
Chandigarh	1	2,000	9	9,000	25	36,000	3	10,000	1	1,000
D. & N. Haveli	-	-	-	-	-	-	-	-	-	-
Delhi	3	5,000	397	435,000	941	14,145,000	389	379,000	2	3,000
Goa, Daman & Diu	-	-	4	3,000	8	2,000	7	1,000	-	-
Lakshadweep	-	-	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	6	1,000	1	-	-	-

## JOINT STOCK COMPANIES

Table 65-JOINT STOCK COMPANIES: NEWLY REGISTERED-contd.  
(NUMBER AND AUTHORISED CAPITAL)  
By Industries

(capital: Rs.'000)

Year/ State	Commerce (Trade and Finance) -contd.				Transport, Communications and Storage					
	Insurance Companies		Banking loan Companies and other financial institutions		Total		Transport by road(including tramways)		Transport by water	
	6.4		6.5		7		7.0		7.1	
	No.	Authori- sed capital	No.	Authori- sed capital	No.	Authori- sed capital	No.	Authori- sed capital	No.	Authori- sed capital
1	32	33	34	35	36	37	38	39	40	41
1970-71	-	-	249	381,719	70	46,600	27	7,900	15	22,200
1975-76	-	-	467	228,958	97	131,254	29	17,429	19	69,320
1980-81	1	50	1,054	709,903	244	212,239	70	46,339	34	21,850
1981-82	-	-	1974	1137392	276	209455	42	28600	56	71340
1982-83	-	-	2,148	1,284,359	275	741,949	37	466,950	40	94,625
1983-84	2	-	2,247	2,044,000	311	174,000	55	31,000	24	20,000
1984-85	-	-	2,089	2,116,000	250	208,000	73	75,000	24	13,000
1985-86	3	1,000	2,096	4,341,000	318	333,000	64	99,000	24	24,000
1986-87	1	-	2,305	15,823,000	374	340,000	74	45,000	36	1,039,000
1986-87										
State:										
Andhra Pradesh	-	-	155	187,000	17	8,000	13	6,000	3	1,000
Assam	-	-	13	10,000	7	7,000	6	6,000	-	-
Bihar	-	-	11	9,000	2	3,000	2	2,000	-	-
Gujarat	-	-	107	251,000	15	9,000	7	3,000	2	3,000
Haryana	-	-	30	22,000	1	2,000	-	-	-	-
Himachal Pradesh	-	-	8	5,000	2	1,000	1	-	-	-
Jammu & Kashmir	-	-	23	6,000	-	-	-	-	-	-
Karnataka	-	-	91	211,000	12	7,000	5	4,000	2	-
Kerala	-	-	50	57,000	6	4,000	3	1,000	-	-
Madhya Pradesh	-	-	17	7,000	5	11,000	2	5,000	1	-
Maharashtra	-	-	559	1,118,000	90	1,051,000	4	3,000	14	1,007,000
Manipur	-	-	1	1,000	-	-	-	-	-	-
Maghalaya	-	-	4	21,000	-	-	-	-	-	-
Nagaland	-	-	1	10,000	-	-	-	-	-	-
Orissa	-	-	3	3,000	5	3,000	-	-	-	-
Punjab	-	-	82	43,000	17	6,000	16	5,000	-	-
Rajasthan	-	-	15	19,000	4	2,000	3	1,000	-	-
Sikkim	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	-	-	268	341,000	15	9,000	9	5,000	2	1,000
Tripura	-	-	-	-	-	-	-	-	-	-
Uttar Pradesh	-	-	94	208,000	4	4,000	1	1,000	-	-
West Bengal	-	-	198	534,000	54	89,000	1	3,000	7	12,000
Union Territory:										
A. & N. Islands	-	-	-	-	-	-	-	-	-	-
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	-
Chandigarh	-	-	21	26,000	1	-	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-	1	-	-	-
Delhi	1	-	549	12,733,000	117	124,000	-	-	5	15,000
Goa, Daman & Diu	-	-	1	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-	-	-
Pondicherry	-	-	4	1,000	-	-	-	-	-	-

## JOINT STOCK COMPANIES

Table 65-JOINT STOCK COMPANIES: NEWLY REGISTERED-concl'd.  
(NUMBER AND AUTHORISED CAPITAL)  
By Industries

(capital: Rs.'000)

Year/State	Transport, communications, and storage-cont'd.		Community and business services		Personal and other services		Grand Total	
	Railway Transport							
	7.3		8		9		0 to 9	
	No.	Authorised capital	No.	Authorised capital	No.	Authorised capital	No.	Authorised capital
1	42	43	44	45	46	47	48	49
1970-71	1	1,500	71	97,470	92	150,470	1,927	3,331,056
1975-76	-	-	177	111,935	116	148,010	2,988	10,944,395
1980-81	-	-	352	198,534	217	255,290	6,616	9,683,348
1981-82	1	100	521	488,659	326	473,281	10,019	31,524,891
1982-83	-	-	596	293,227	347	406,605	10,764	13,862,689
1983-84	1	-	631	375,000	466	654,000	11,619	14,330,000
1984-85	1	-	721	424,000	511	655,000	13,347	20,304,000
1985-86	-	-	934	1,896,000	483	617,000	15,056	41,099,000
1986-87	-	-	1,088	1,083,000	564	863,000	16,311	38,184,000
1986-87								
State:								
Andhra Pradesh	-	-	34	41,000	26	33,000	987	1,649,000
Assam	-	-	9	7,000	12	21,000	134	246,000
Bihar	-	-	19	30,000	7	5,000	280	447,000
Gujarat	-	-	36	17,000	19	27,000	910	1,362,000
Haryana	-	-	7	1,000	4	3,000	179	234,000
Himachal Pradesh	-	-	1	2,000	17	25,000	122	313,000
Jammu & Kashmir	-	-	3	20,000	6	53,000	84	284,000
Karnataka	-	-	70	62,000	18	21,000	715	963,000
Kerala	-	-	28	29,000	17	17,000	279	345,000
Madhya Pradesh	-	-	7	3,000	72	67,000	536	450,000
Maharashtra	-	-	259	294,000	159	257,000	3,574	5,217,000
Manipur	-	-	-	-	1	1,000	1	1,000
Maghalaya	-	-	-	-	3	6,000	10	38,000
Nagaland	-	-	-	-	-	-	5	17,000
Orissa	-	-	5	3,000	8	5,000	164	158,000
Punjab	-	-	8	7,000	4	11,000	358	344,000
Rajasthan	-	-	11	8,000	15	11,000	338	338,000
Sikkim	-	-	-	-	-	-	-	-
Tamil Nadu	-	-	80	123,000	41	58,000	1,336	1,829,000
Tripura	-	-	-	-	-	-	-	-
Uttar Pradesh	-	-	36	63,000	33	37,000	848	3,118,000
West Bengal	-	-	133	104,000	29	38,000	1,681	3,913,000
Union Territory:								
A. & N. Islands	-	-	-	-	-	-	-	-
Arunachal Pradesh	-	-	-	-	-	-	5	7,000
Chandigarh	-	-	11	8,000	9	38,000	147	242,000
D. & N. Haveli	-	-	-	-	-	-	-	-
Delhi	-	-	327	255,000	55	96,000	3,486	16,478,000
Goa, Daman & Diu	-	-	2	1,000	8	30,000	44	71,000
Lakshadweep	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-
Pondicherry	-	-	2	5,000	2	4,000	88	120,000

## JOINT STOCK COMPANIES

Table 66-JOINT STOCK COMPANIES: LIQUIDATED  
(NUMBER AND PAID-UP CAPITAL)  
By Industries

(capital: Rs.'000)

Year/State	Agriculture and allied activities		Mining and quarrying		Processing and Manufacturing					
					Total		Sugar industries		Tobacco	
	0		1		2+3+4		2.2		2.5	
	No.	Paid-up capital	No.	Paid-up capital	No.	Paid-up capital	No.	Paid-up capital	No.	Paid-up capital
1	2	3	4	5	6	7	8	9	10	11
1970-71	13	1,842	7	1,940	180	35,641	4	2,324	1	1
1975-76	10	2,805	8	9,252	123	23,721	-	-	-	-
1980-81	17	882	6	25,779	175	37,075	1	6	-	-
1981-82	9	877	5	47	127	17,340	2	67	-	-
1982-83	7	193	3	2,875	124	45,694	2	88	-	-
1983-84	14	12,000	5	-	133	47,000	1	-	-	-
1984-85	3	-	6	1,000	119	81,000	2	8,000	-	-
1985-86	9	1,000	4	2,000	143	98,000	1	1,000	1	-
1986-87	6	1,000	5	-	144	180,000	-	-	1	-
1986-87										
State:										
Andhra Pradesh	-	-	-	-	7	-	-	-	-	-
Assam	-	-	-	-	-	-	-	-	-	-
Bihar	-	-	-	-	2	-	-	-	-	-
Gujarat	-	-	-	-	4	5,000	-	-	-	-
Haryana	-	-	-	-	1	2,000	-	-	-	-
Himachal Pradesh	-	-	-	-	-	-	-	-	-	-
Jammu & Kashmir	-	-	-	-	-	-	-	-	-	-
Karnataka	-	-	-	-	7	3,000	-	-	-	-
Kerala	1	-	-	-	11	1,000	-	-	-	-
Madhya Pradesh	1	-	-	-	3	1,000	-	-	-	-
Maharashtra	-	-	-	-	23	76,000	-	-	-	-
Manipur	-	-	-	-	-	-	-	-	-	-
Maghalaya	-	-	-	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-	-	-	-
Orissa	-	-	-	-	-	-	-	-	-	-
Punjab	-	-	-	-	5	1,000	-	-	-	-
Rajasthan	-	-	-	-	-	-	-	-	-	-
Sikkim	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	-	-	-	-	-	-	-	-	-	-
Tripura	-	-	-	-	-	-	-	-	-	-
Uttar Pradesh	-	-	-	-	2	-	-	-	-	-
West Bengal	3	1,000	4	-	70	88,000	-	-	1	-
Union Territory:	-	-	-	-	-	-	-	-	-	-
A. & N. Islands	-	-	-	-	-	-	-	-	-	-
Arunachal Pradesh	-	-	-	-	2	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-	-	-	-
D. & N. Haveli	-	-	-	-	6	-	-	-	-	-
Delhi	1	-	1	-	1	3,000	-	-	-	-
Goa, Daman & Diu	-	-	-	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-	-	-	-

Source: Department of Company Affairs,  
Ministry of Industry

## JOINT STOCK COMPANIES

Table 66-JOINT STOCK COMPANIES LIQUIDATED-contd.  
(NUMBER AND PAID-UP CAPITAL)  
By Industries

(capital: Rs.'000)

Year/State	Processing and Manufacturing-contd.									
	Textiles		Leather and leather products		Iron and steel (basic manufacture)		Chemicals and Chemical products(1)		Products of petroleum and coal	
	2.6+2.7		2.9		3.0		3.6+3.8		4.0	
	No.	Paid-up Capital	No.	Paid-up Capital	No.	Paid-up Capital	No.	Paid-up Capital	No.	Paid-up Capital
1	12	13	14	15	16	17	18	19	20	21
1970-71	25	12,754	1	300	5	490	24	1,431	-	-
1975-76	6	2,043	2	2	7	4,024	20	1,411	-	-
1980-81	16	1,852	1	-	10	7,857	22	1,761	1	32
1981-82	13	3,738	3	316	6	504	21	1,027	-	-
1982-83	8	2,152	4	119	4	9,504	24	2,017	-	-
1983-84	12	8,000	1	-	12	6,000	28	12,000	1	-
1984-85	14	22,000	1	-	4	2,000	15	6,000	1	-
1985-86	20	21,000	3	-	2	-	20	4,000	1	2,000
1986-87	7	38,000	1	-	8	6,000	25	1,027	3	2,000
1986-87										
State:							2	-	-	-
Andhra Pradesh	1	-	-	-	-	-	-	-	-	-
Assam	-	-	-	-	-	-	-	-	-	-
Bihar	-	-	-	-	1	-	-	-	-	-
Gujarat	1	5,000	-	-	1	-	-	-	-	-
Haryana	-	-	-	-	-	-	-	-	-	-
Himachal Pradesh	-	-	-	-	-	-	-	-	-	-
Jammu & Kashmir	-	-	-	-	-	-	5	2,000	-	-
Karnataka	-	-	-	-	-	-	2	-	-	-
Kerala	-	-	-	-	-	-	2	-	-	-
Madhya Pradesh	-	-	-	-	-	-	6	1,000	-	-
Maharashtra	3	21,000	-	-	-	-	-	-	-	-
Manipur	-	-	-	-	-	-	-	-	-	-
Maghalaya	-	-	-	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-	-	-	-
Orissa	-	-	-	-	-	-	-	-	-	-
Punjab	-	-	-	-	-	-	-	-	-	-
Rajasthan	-	-	-	-	-	-	-	-	-	-
Sikkim	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	-	-	-	-	-	-	-	-	-	-
Tripura	-	-	-	-	-	-	-	-	-	-
Uttar Pradesh	-	-	-	-	-	-	1	-	1	-
West Bengal	2	12,000	-	-	6	6,000	6	1,000	-2	2,000
Union Territory:										
A. & N. Islands	-	-	-	-	-	-	-	-	-	-
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	-
Chandigarh	-	-	1	-	-	-	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	1	-	-	-
Goa, Daman & Diu	-	-	-	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-	-	-	-

(1) Includes basic industrial chemicals, fertilizers, power, alcohol and also chemical products n.e.c.

(capital: Rs.'000)

[illegible]



## JOINT STOCK COMPANIES

Table 66-JOINT STOCK COMPANIES LIQUIDATED-concl'd.  
(NUMBER AND PAID-UP CAPITAL)  
By Industries

(capital: Rs.'000)

Year/State	Transport Communi- cations and storage -concl'd.		Community and business services		Personal and other services		Grand total	
	Railway transport							
	7.3		8		9		0 to 9	
	No.	Paid-up capital	No.	Paid-up capital	No.	Paid-up capital	No.	Paid-up capital
1	42	43	44	45	46	47	48	49
1970-71	1	1,588	11	1,134	18	686	472	69,734
1975-76	-	-	7	727	16	1,668	302	67,408
1980-81	-	-	5	201	20	6,338	391	102,939
1981-82	1	2,169	6	256	13	724	330	42,436
1982-83	-	-	7	51	15	704	263	139,911
1983-84	-	-	8	-	11	-	258	74,000
1984-85	-	-	6	-	5	-	237	98,000
1985-86	-	-	10	3,000	8	2,000	262	130,000
1986-87	-	-	8	-	14	-	280	224,000
1986-87								
State:								
Andhra Pradesh	-	-	1	-	1	-	12	-
Assam	-	-	-	-	-	-	-	-
Bihar	-	-	-	-	-	-	4	-
Gujarat	-	-	-	-	-	-	4	5,000
Haryana	-	-	-	-	-	-	1	2,000
Himachal Pradesh	-	-	-	-	-	-	-	-
Jammu & Kashmir	-	-	-	-	-	-	1	-
Karnataka	-	-	-	-	1	-	11	5,000
Kerala	-	-	-	-	2	-	18	1,000
Madhya Pradesh	-	-	-	-	-	-	8	1,000
Maharashtra	-	-	-	-	-	-	48	109,000
Manipur	-	-	-	-	-	-	-	-
Maghalaya	-	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-	-
Orissa	-	-	-	-	-	-	-	-
Punjab	-	-	-	-	-	-	6	1,000
Rajasthan	-	-	-	-	-	-	-	-
Sikkim	-	-	-	-	-	-	-	-
Tamil Nadu	-	-	-	-	-	-	-	-
Tripura	-	-	-	-	-	-	-	-
Uttar Pradesh	-	-	-	-	-	-	2	-
West Bengal	-	-	7	-	9	-	143	96,000
Union Territory:								
A. & N. Islands	-	-	-	-	-	-	-	-
Arunachal Pradesh	-	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	1	-	4	-
D. & N. Haveli	-	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	17	4,000
Goa, Daman & Diu	-	-	-	-	-	-	1	-
Lakshadweep	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-	-



## *INSURANCE*

Figures in this section refer to the insurance business of insurers who transacted business under the Insurance Act, 1938. The Postal Life Insurance Fund (Tables 70 and 71) is, however, exempted from the operation of the Act. From September 1, 1956, life insurance was nationalised and the then existing business of Indian insurers, and Provident Societies and Indian business of foreign insurers was vested in the Life Insurance Corporation of India.

### Life Insurance

#### Table 67

This table gives the revenue account of the insurance business in India. Figures are for the financial year ending 31st March except in the case of the year 1961 as L.I.C. have changed over to financial year as their accounting period, from 1st April, 1963.

#### Table 68

This table shows the summary of the balance-sheet of life and other classes of business of the Life Insurance Corporation of India.

#### Table 69

This table gives the new life insurance business by Indian Insurers during the year and total business in force at the end of the year.

### Postal Insurance

#### Tables 70 and 71

The postal insurance data were available separately for whole life and endowment policies upto the year 1963-64. As the accounts for the two have been amalgamated and are not being maintained separately from April 1964, consolidated data for whole life and endowment postal insurance, are shown in tables 70 & 71 from 1964-65 onwards.

### Fire, Marine And Miscellaneous Insurance

#### Table 72

Figures for other insurers are for calendar year ending 31st December while those for Life Insurance Corporation of India are for financial year ending 31st March.

Table on General Insurance business of Non-Indian Insurers has been discontinued as the data for the table are not available after Jan. 1, 1973, when general insurance was nationalised, and the undertakings of foreign insurers were transferred to and vested in the Indian Insurance Companies.

## INSURANCE

Table 67- SUMMARY OF LIFE INSURANCE REVENUE ACCOUNT OF THE LIFE INSURANCE CORPORATION OF INDIA  
(Rs.lakhs)

	1957(a)	1961	1965-66	1970-71	1975-76
1	2	3	4	5	6
<b>INCOME</b>					
Premium for Life Insurance and Annuities					
Single (including consideration for annuities granted)	58	126	211	409	3,069
First Year's	1,372	2,308	3,136	4,960	9,960
Renewal	7,435	8,860	14,629	23,845	45,796
Net Interest, Dividends and Rents(1)	1,915	2,720	4,359	9577	20,202
Other receipts	18	227	120	610	305
<b>TOTAL</b>	<b>10,798</b>	<b>14,241</b>	<b>22,455</b>	<b>39,401</b>	<b>79,332</b>
<b>OUTGO</b>					
Claims by death	789	865	1,392	1,909	3,785
Claims by survival	2,081	2,546	4,465	6,801	12,488
Surrenders including Bonus in reduction of					
Premiums	444	329	565	1,114	3,175
Annuities less re-insurances	48	41	48	112	236
Bonus in cash	38	3	1	1	1
Transfer of Reserve	883	42	3,099	71	97
Expenses of management	2,411	1,095	1,555	2,545	5,268
Commission to Insurance agents	-	2,064	3,398	5,398	12,179
Other Expenses					
Indian Dominion and Foreign taxes	3	9	21	22	8
Miscellaneous	2	129	310	27	1,377
Increase to Life Insurance Fund	4,099	7,118	7,601	21,401	40,718
<b>TOTAL</b>	<b>10,798</b>	<b>14,241</b>	<b>22,455</b>	<b>39,401</b>	<b>79,332</b>

	1980-81	1984-85	1985-86	1986-87	1987-88
1	7	8	9	10	11
<b>INCOME</b>					
Premium for Life Insurance and Annuities					
Single (including consideration for annuities granted)	5,016	11,916	13,394	17,671	29,874
First Year's <sup>a</sup>	14,879	23,174	29,435	37,872	53,668
Renewal	76,593	120,843	135,469	154,177	133,646
Net Interest, Dividends and Rents(1)	49,314	95,067	112,700	133,443	155,722
Other receipts	326	999	3,133	2,734	1,800
<b>TOTAL</b>	<b>146,128</b>	<b>251,999</b>	<b>294,131</b>	<b>345,897</b>	<b>424,710</b>
<b>OUTGO</b>					
Claims by death	6,869	11,185	12,710	14,087	17,045
Claims by survival	24,551	52,644	59,492	68,678	83,201
Surrenders including Bonus in reduction of					
Premiums	4,858	9,308	11,684	13,273	14,413
Annuities less re-insurances	513	1,243	1,670	2,087	2,522
Bonus in cash	-	-	-	-	-
Transfer of Reserve	141	224	228	(- )39	12,570
Expenses of management					
Commission to Insurance agents	7,724	11,683	14,670	17,834	23,680
Other Expenses	15,664	26,801	31,020	36,423	41,511
Indian Dominion and Foreign taxes	3,196	6,369	9,896	7,022	12,870
Miscellaneous	277	-	5,275	2,907	3,934
Increase to Life Insurance Fund	82,335	132,542	147,486	183,625	212,964
<b>TOTAL</b>	<b>146,128</b>	<b>251,999</b>	<b>294,131</b>	<b>345,897</b>	<b>424,710</b>

Source: Life Insurance Corporation of India

(1) Includes refund of Income-tax.

(a) Refers to the income and outgo of the Life Insurance Corporation of India for the period 1st September, 1956 to 31st December, 1957 as separate figures for 1957 are not available.

(b) Rs. 39.34 crores in 1987-88 was paid to Govt. of India as 5% of valuation surplus.

## INSURANCE

Table 68- LIABILITIES AND ASSETS OF THE LIFE INSURANCE CORPORATION OF INDIA

(Rs.lakhs)

	1957(a)	1961	1965-66	1970-71	1975-76
1	2	3	4	5	6
<b>Liabilities</b>					
Capital	500	500	500	500	500
<b>Funds</b>					
Life insurance funds	44,781	63,159	97,756	182,505	344,097
Other insurance funds	67	13	282	853	1,023
General reserve and other reserve funds	575	729	913	1,544	1,612
Profits and loss account	145	-	1	-	-
Investment fluctuation account	1,332	1,342	5,101	3,123	5,706
<b>Outstandings</b>					
Life insurance claims admitted or intimated but not paid	1,344	1,396	1,744	2,073	2,883
Other liabilities of life insurance business	1,807	2,472	3,569	6,114	8,354
Estimated liability in respect of outstanding claims of general insurance business	5	3	24	620	-
Other sums owing to insurers	16	16	87	1,452	-
Contra accounts entry	-	-	22	97	2
<b>TOTAL</b>	<b>50,572</b>	<b>69,631</b>	<b>109,999</b>	<b>198,879</b>	<b>364,177</b>
<b>Assets</b>					
Mortgage on property	1,241	849	3,906	23,303	57,109
Loans on policies within their surrender values including A.N.F. advances	3,971	4,779	7,430	14,499	25,706
Loans on reversions and life interest	-	-	-	-	-
Loans on stocks and shares	-	-	44	88	-
Other loans (1)	10	7	5	4	59,317
Central Govt.Securities	20,104	23,874	31,065	48,131	86,045
State Govt.Securities	5,538	11,708	17,752	23,431	40,792
Foreign Govt.Securities	632	983	1,074	1,781	2,308
Indian Municipal Port and Improvement Trust Securities	1,577	1,751	1,542	3,167	3,545
Bonds,debentures,stocks and other Securities where an interest is guaranteed by the Indian Govt.or State Govt.(1)	-	5,641	18,736	44,541	32,827
Debentures of Indian Companies etc.	2,065	2,280	4,347	5,699	6,453
Preference shares of Indian Companies etc.	1,669	2,187	2,827	3,725	4,178
Ordinary shares of Indian companies etc.	3,555	5,570	10,864	12,753	14,521
Land and house property	2,218	2,787	3,284	4,007	5,693
Agents'balances	20	13	6	41	226
Outstanding premiums	701	1,367	1,153	2,552	4,806
Amount due from other insurers	55	36	40	176	14
Accrued and outstanding interest,dividends and rents	766	1,154	1,652	3,872	8,539
Deposits,cash and stamps	1,935	1,946	1,329	2,437	7,822
Miscellaneous	4,514	2,695	2,921	4,575	4,272
Contra accounts entry	-	-	22	97	2
<b>TOTAL</b>	<b>50,572</b>	<b>69,631</b>	<b>109,999</b>	<b>198,879</b>	<b>364,177</b>

Source: Life Insurance Corporation of India

(1) Please see footnote (1) on next page.

(a) Refers to the income and outgo of the Life Insurance Corporation of India for the periods 1st September, 1956 to 31st December, 1957, as separate figures for 1957 are not available.

## INSURANCE

Table 68- LIABILITIES AND ASSETS OF THE LIFE INSURANCE CORPORATION OF INDIA-contd.

(Rs.lakhs)

	1980-81	1984-85	1985-86	1986-87	1987-88
1	7	8	9	10	11
<b>Liabilities</b>					
Capital	500	500	500	500	500
<b>Funds</b>					
Life insurance fund	664,144	1,119,109	1,266,595	1,450,220	1,663,184
Other insurance funds	1,500	2,339	2,590	2,825	3,092
General reserve and other reserve funds	2,511	3,555	3,771	3,937	4,437
Profits and loss account	-	-	-	-	-
Investment reserve fluctuation account	5,293	5,165	5,165	5,178	17,226
<b>Outstandings</b>					
Life insurance claims admitted or intimated but not paid	6,708	7,327	6,647	6,291	7,053
Other liabilities of life insurance business	28,421	26,211	26,532	28,242	36,039
Estimated liability in respect of outstanding claims of general insurance business	-	-	-	-	-
Other sums owing to insurers	-	130	191	97	60
Contra accounts entry	47	62	62	62	62
<b>TOTAL</b>	<b>709,124</b>	<b>1,164,397</b>	<b>1,312,053</b>	<b>1,497,352</b>	<b>1,731,653</b>
<b>Assets</b>					
Mortgage on property	101,510	152,561	184,198	201,655	227,923
Loans on policies within their surrender values including A.N.F. advances	40,315	68,721	77,866	90,346	100,236
Loans on reversions and life interest	-	-	-	-	-
Loans on stocks and shares	-	-	-	-	-
Other loans (1)	130,908	186,899	186,821	196,149	214,506
Central Govt.Securities	178,760	344,601	400,313	467,569	579,069
State Govt.Securities	45,407	31,376	36,351	41,630	34,692
Foreign Govt.Securities	3,599	4,391	5,336	7,064	8,185
Indian Municipal Port and Improvement Trust Securities	5,278	4,911	4,877	4,256	4,284
Bonds, debentures, stocks and other Securities where an interest is guaranteed by the Indian Govt. or State Govt. (1)	96,746	157,213	166,852	177,139	173,966
Debentures of Indian Companies etc.	10,564	31,147	47,337	73,305	93,563
Preference shares of Indian Companies etc.	4,354	3,297	3,123	2,905	2,679
Ordinary shares of Indian companies etc.	18,065	22,187	23,376	26,105	34,780
Land and house property	7,080	10,528	11,734	13,073	14,416
Agents' balances	400	1,028	1,484	1,787	1,982
Outstanding premiums	7,754	11,603	13,359	15,348	18,690
Amount due from other insurers	7	122	167	86	43
Accrued and outstanding interest, dividends and rents	18,840	38,322	44,790	53,845	63,200
Deposits, cash and stamps	17,263	19,349	8,432	10,285	19,484
Miscellaneous	22,227	76,078	95,577	114,743	139,893
Contra accounts entry	47	62	62	62	62
<b>TOTAL</b>	<b>709,124</b>	<b>1,164,397</b>	<b>1,312,053</b>	<b>1,497,352</b>	<b>1,731,653</b>

(1) From 1972-73 "Other loans" include "loans on personal security" and "loans to State Government for housing & other schemes" which were hitherto included in "bonds, debentures etc.".

## INSURANCE

Table 69-NEW LIFE INSURANCE BUSINESS BY INDIAN INSURERS  
AND TOTAL LIFE INSURANCE BUSINESS IN FORCE

(Rs.lakhs)

Year	New business		Total business in force at the end of the year	
	Sum insured	Annuities per annum	Sum insured and bonus	Annuities per annum
1	2	3	4	5
1951 . . . . .	14,179	2	81,926	31
1956 . . . . .	19,751	6	133,451	85
1961 . . . . .	60,882	23	273,757	110
1965-66 . . . . .	79,779	33	439,361	156
1970-71 . . . . .	130,308	84	718,583	515
1975-76 . . . . .	538,533	176	1,686,911	915
1980-81 . . . . .	879,153	487	2,801,737	2,277
1985-86 . . . . .	1,549,834	584	5,238,182	3,746
1986-87 . . . . .	1,995,809	515	6,079,517	4,007
1987-88 . . . . .	2,628,905	9.461	7,656,386	13,202

Source: Life Insurance Corporation of India

Note: Life Insurance Corporation of India have changed over to financial year of accounting from 1st April, 1963 onwards.

## INSURANCE

Table 70-POST OFFICE LIFE INSURANCE FUND ACCOUNT(1)

(Rs.lakhs)

Particulars	1964-65	1965-66	1970-71	1975-76	1980-81	1985-86	1986-87	1987-88
1	2	3	4	5	6	7	8	9
<b>I. Postal Life Insurance Receipts:</b>								
Balance at the beginning of the year	1,990	2,110	2,906	4,418	10,392	25,822*	30,720	36,917
Premia realised	174	187	281	657	2,141	4,009	4,426	5,617
Medical fee realised	-	-	-	-	-	-	-	-
Cost of assignment fees	-	(a)	-	-	-	-	-	-
Fines realised	-	-	-	1	2	5	7	9
Loans-principal	16	15	23	44	60	142	140	168
Loans-Interest	4	6	8	14	16	34	37	38
Misc. receipt	(a)	(a)	-	(a)	-	-	-	-
Interest on balance	71	75	148	321	887	2,828	3,826	4,596
<b>Total Receipts</b>	<b>2,256</b>	<b>2,393</b>	<b>3,366</b>	<b>5,354</b>	<b>13,499</b>	<b>32,840</b>	<b>39,156</b>	<b>47,345</b>
Balance at the end of the year	2,110	2,235	3,142	5,023	12,777	30,720	36,879	44,606
<b>Payments</b>								
Policies paid	100	106	143	245(b)	332	847	888	1,228
Monthly allowance paid	..	..	..	..	-	-	-	-
Surrender value paid	10	14	14	26	92	573	503	543
Medical fees paid	-	-	1	2	7	9	7	8
Refunds	1	1	1	3	8	17	18	16
Refund of M.E.	-	-	-	-	-	-	-	-
Refunds of loan interest	-	-	-	-	-	-	-	-
Loan payment	23	24	42	92	92	240	295	318
Postal establishment including Printing etc.	12	13	22	63	190	434	547	626
Refunds of assign non fees	-	-	(a)	-	-	-	-	-
Misc. charges	-	-	(a)	-	-	-	-	-
<b>Total Payments</b>	<b>145</b>	<b>159</b>	<b>232</b>	<b>432</b>	<b>722</b>	<b>2,120</b>	<b>2,258</b>	<b>2,739</b>
<b>II. Extra Premium fund</b>								
<b>Receipts</b>								
Balance at the beginning of the years (as on 1st April)	82	92	104	133	179	238	263	275
Subscriptions realised	7	(- )1	-	-	-	-	-	-
Interest on balance	3	3	5	9	14	25	32	33
<b>Total</b>	<b>92</b>	<b>94</b>	<b>109</b>	<b>142</b>	<b>193</b>	<b>263</b>	<b>295</b>	<b>308</b>
<b>Payments</b>								
Postal establishment including printing etc.	(a)	-	(a)	(a)	(a)	(a)	(a)	(a)
Balance at the end of the year	92	94	109	142	193	263	295	308

Source: Director General of Posts and Telegraphs

(1) The accounts of the Civil and Defence Wings of the Post Office were amalgamated from 1st April, 1964.

(a) Less than 500 rupees.

(b) Including monthly allowance paid.

(\*) Includes an amount of Rs.1799 thousand in respect of principal for 1983-84 and interest thereon for 1983-84 and 1984-85.

Note: Totals may not tally due to rounding off of figures.

## INSURANCE

Table 71-POSTAL LIFE INSURANCE POLICIES ISSUED (1)

(number: '00)  
(amount: Rs.lakhs)

Year	Balance at the beginning of the year		Issued during the year		Total		Deduct			
							Effect of conversion		By death	
	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount
1	2	3	4	5	6	7	8	9	10	11
1964-65	1,674	3,919	101	254	1,775	4173	-	3	7	17
1965-66(a)	1,730	4,084	127	371	1,857	4455	-	2	8	19
1970-71	2,342	6,707	255	964	2,597	7,671	-	1	6	18
1975-76	3,405	11,992	613	3,568	4,018	15,560	-	1	11	31
1980-81	7,317	39,491	1,202	10,215	8,519	49,706	-	10	14	53
1983-84	10,069	68,532	1,175	14,302	11,244	82,834	-	7	19	91
1984-85	10,842	80,943	1,116	15,304	11,958	96,247	-	7	20	99
1985-86	11,565	94,283	1,012	16,038	12,577	110,321	-	6	22	124
1986-87	12,160	107,091	1,032	17,934	13,192	125,025	-	5	19	153
1987-88	12,814	122,762	1,199	23,294	14,013	146,066	-	8	23	165

Year	Deduct								Balance at the end of the year	
	By maturity		By surrender		By lapse and cancellation		Total			
	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount
1	12	13	14	15	16	17	18	19	20	21
1964-65	28	61	9	7	1		45	89	1,730	4,084
1965-66(a)	31	66	12	23	1		52	111	1,805	4,344
1970-71	39	92	9	20	1		55	135	2,542	7,536
1975-76	67	158	16	46	2		96	243	3,922	15,317
1980-81	80	184	54	244	7	30	141	464	8,364	49,178
1983-84	96	286	279	1,453	8	55	402	1,892	10,842	80,942
1984-85	116	361	247	1,426	10	71	393	1,964	11,565	94,283
1985-86	141	471	250	2,600	4	29	417	3,230	12,160	107,091
1986-87	136	735	209	1,274	14	96	378	2,263	12,814	122,762
1987-88	171	658	186	1,193	18	100	398	2,127	13,615	143,929

Source: Director General of Posts

(1) The accounts of the Whole Life and Endowment Assurance Policies and Annuities were amalgamated with effect from 1st April, 1964. The figures include monthly allowance contracts issued, discharged, lapsed and surrendered during the year.

(a) Three policies amounting to Rs.52,531 transferred or ascertained to be liabilities of Pakistan have been deducted for the year 1965-66.

Note: Totals may not tally due to rounding off figures.

## INSURANCE

Table 72-PARTICULARS RELATING TO PREMIUM DERIVED FROM FIRE,  
MARINE AND MISCELLANEOUS INSURANCE BUSINESS OF INDIAN INSURERS

(Rs.lakhs)

	Premium income included in Revenue Account							
	Fire		Marine		Miscellaneous		Total	
	In India	Outside India	In India	Outside India	In India	Outside India	In India	Outside India
1	2	3	4	5	6	7	8	9
1951	334	452	131	146	310	92	775	690
1956	337	621	167	196	402	236	906	1053
1961	749	772	389	264	1,212	561	2,350	1,597
1966	1,592	1,216	820	429	2,279	1,085	4,691	2,730
1971	3,427	1,829	1,875	770	4,584	1,730	9,887	4,329
1976	9,023	2,369	6,471	1,550	8,990	2,791	24,484	6,710
1981	14,079	4,994	12,188	2,658	22,592	3,437	48,859	11,089
1985	25,777	9,625	20,711	5,325	51,823	5,789	98,311	20,739
1986	29,110	9,999	22,803	5,899	62,332	6,491	114,245	22,389
1987	33,195	11,534	25,537	6,683	73,239	7,793	131,971	26,010

Source: Office of the Controller of Insurance

Note: Figures for the years 1966 and 1971 include General Insurance Business of the Life Insurance Corporation of India. Since 1-1-1973, the L.I.C. of India has not been transacting any general insurance business.



## TRADE

The figures represent trade with foreign countries both on private and government accounts, registered at Indian sea-ports, airports and land customs stations. Statistics are recorded on the basis of the general system of registration under which the goods arriving from abroad are first included under imports and when they are shipped again they are included under re-exports. With effect from April, 1963 trade arising in Goa, Daman & Diu, Andaman & Nicobar Islands and Lakshadweep is included. In the case of Nepal airborne trade alone was covered upto March, 1964, subsequently it covers trade both by land and air. The sources of foreign trade statistics are customs and central excise authorities. These are compiled by the Directorate General of Commercial Intelligence & Statistics from the bills of entry and shipping.

Table 73

From April 1948 total value of foreign trade of India by all routes (i.e sea, air and land) has been taken into account for the purpose of calculating the balance of trade. All foreign trade transactions in gold, currency notes and coins are included under treasure. Balance of trade in treasure refers to gold and silver upto December 1956 and thereafter to gold only. Trade in silver is included under merchandise after December 1956.

Table 74

The Section, Division and Groupwise data for Imports, Exports and Re-exports given in this table are according to the Indian Trade Classification Revision-2 adopted from April, 1977 and followed upto March, 1987.

Tables 75 and 79

Import figures generally show the trade as declared by importers in the bills of entry (applications for clearance) and as checked by custom officials.

Goods entered for storage in bonded warehouses and afterwards exported therefrom are included under 'imports and re-exports'. Transshipment trade is not recognised for the purposes of Indian trade returns and is, thus, not included here. Direct transit trade is also excluded while indirect transit trade is included as imports first and then as re-exports.

Imports of baggage of passengers are not included since November, 1964. All dutiable articles imported from foreign countries by parcel or letter post are included. Trade in defence stores omitted with effect from October 1979. The diplomatic goods, Gold and current coins & notes, ships stores are excluded.

Tables 76, 77 and 80

Export figures represent actual shipments as checked by the customs officials. The figures of exports relate to Indian merchandise alone and re-exports of foreign merchandise previously imported into India. Direct transit trade, transshipment trade, passenger's baggage, ship's stores, defence stores, trans in treasures i.e. gold and current coins & notes, diplomatic goods are excluded.

All articles despatched to foreign countries by parcel or letter post are included since 1964-65. Transactions in silver (other than current coins) and in notes & coins not in circulation or withdrawn from circulation and indirect transit trade are also included.

### CLASSIFICATION OF TRADE BY COUNTRIES-Tables 75 and 76

Imports are classified with reference to the countries whence they were consigned to India and not with reference to the countries whence they were shipped direct to India. The country of consignment is defined as that from which the goods have come whether by land and sea or by sea only or by air, without interruption of transit save in the course of transshipment or transfer from one means of conveyance to another. Thus the countries whence goods are consigned are not in all cases the countries of actual origin of goods since goods produced in one country may be purchased by a firm in another country and thence despatched after an interval to India.

Exports are credited to the country of final destination as declared by exporters in the shipping bill whether that country possesses a sea-port or not. The country of final destination is defined as that to which goods exported from India are intended to pass whether by sea and land or by sea only or by air without interruption of transit, save in the course of transshipment or transfer from one means of conveyance to another.

The figures are those declared by importers and exporters in the bills of entry and shipping bills. The value of goods represents the wholesale cash price less trade discount for which goods (i) the like and quality are sold or are capable of being sold at the time and place of importation or exportation as the case may be without any abatement or deduction whatever, except that in the case of goods imported, of the amount of duties payable on the importation thereof, or (ii) where such price is not ascertainable the cost at which the goods of the like quality could be delivered at such place without any abatement or deduction except as aforesaid. Import valuation in practice corresponds to c.i.f. method. Export valuation is based on f.o.b inclusive of export duty and/or cess where leviable.

Table 78

This table gives data on the value of merchandise trade for the years 1980-81 onwards according to revised economic regions. The regions are as follows.

Region 01: East African Community (EAC)

Kenya; Tanzania, United Republic of Uganda.

Region 02: Organisation Commune Africaine El Malagache (OCAEM)

Benin (Dahomey); Cameroon, United Republic of; Central African Republic; Chad; Congo (People's Republic of Congo); Gabon; Ivory Coast; Malagasy Republic (Madagascar); Mauritania; Mauritius; Niger; Rwanda; Senegal; Togo; Upper Volta; Zaire, Republic of.

Region 03: Organisation of African Unity (OAU)

Angola; Botswana; Burundi; Canary Islands; Cape Verde Islands; Camoros, Ethiopia; Equatorial Guinea; French Southern and Antarctic Territories; French Territory of the AFARS of ISSAS (Presently Djibouti); Gambia; Ghana; Guinea; Guinea Bissau; Lesotho; Liberia; Malawi; Mali; Namibia (South West Africa); Nigeria; other East African Countries; Reunion; Sao Thome & Principe; Seychelles; Sierra Leone; Somalia; St. Helena of Ascension; Swaziland; Western (Spanish) Sahara and Zambia.

Region 04: Other African Countries (OAC)

Algeria; Egypt Arab Republic of; Libya; Morocco (including Tangier); Rhodesia (Zimbabwe); South Africa; Sudan and Tunisia.

Region 05: North America

Canada; Greenland; St. Pierres and Miquelon; United States of America.

Region 06: South America

Argentina; Bolivia; Brazil; Chile; Columbia; Equador; Paraguay; Peru, Uruguay and Venezuela.

Region 07: Carabian Free Trade Association (CFTA)

Antigua; Bahamas; Barbados; Belige; Dominica; Grenada; Guyana; Jamaica; Montserrat; St. Kitts-Nevis-Anguill; St. Lucia; St. Vincent; Trinidad and Tobago.

Region 08: Central American Common Market (CACM)

Coasts Rica; El Salvador; Guatemala; Honduras; Nicaragua.

Region 09: Other Central American and Caribbean Countries (OCACC)

American Samoa; Bermuda; British Virgin Islands; Cayman Islands; Cuba; Dominican Republic; Falk Lands; Guadaloupe (Formerly French West Indies); Haiti; Martinique; Mexico; Netherlands Antillies; Panama excluding Canal Zone (Panama Republic); Panama Canal Zone; Puerto Rico; Surinam; Turks and Caicos Islands and Virgin Islands of U.S.

Region 10: ESCAP Countries

Afghanistan; Australia; Bangladesh; Brunei; Burma; China, People's Republic of; Christmas Islands; Cooks Islands; Fiji Islands; Gilbert and Ellice Islands; Hong Kong; Indonesia; Iran; Japan; Kampuchea Democratic Republic (Formerly Khmer); Korea, Republic of; Laos People's Democratic Republic, Malaysia;

Mongolia; Nauru, Republic of; Nepal; New Zealand; Pakistan; Papua and New Guinea; Phillippines; Singapore; Solomon Islands; Sri Lanka; Thailand; Tonga; Tuvalu; Vietnam, Republic of; and Western Samoa.

Region 11: Economic Commission for West Asia, (ECFWA)

Baherien Islands; Iraq; Jordon; Kuwait; Labanon; Neutral Zone; Oman; Qatar; Saudi Arabia, Syrian Arab Republic; United Arab Emirates (formerly Trucial States of Abu Dhabi, Dubai, Sherjah etc.); Yemen People's Democratic Republic of; Yemen Arab Republic.

Region 12: Other Asian and Oceanian countries and Antarctic and Arctic region (OAOAAC)

China; Republic (formerly Formosa); Cocos Islands; French Guiana; French Polynesia (Oceania) Guam; Israel; Korea, Democratic Peoples' Republic; Macao; Maldive Islands; New Caledonea; New Hebrides; Nice Islands; Norfolk Islands; Pacific Islands (Trust Territory of); Pitcairn Islands; Portuguese Timor; Sabah; Sarawak; Tokelau Islands, and Wallis & Futuna Islands.

Region 13: European Common market countries (ECM)

Belgium; Denmark; France; Germany, Federal Republic of Greece; Ireland; Italy; Luxemburg ; Netherlands, United Kingdom, (w.e.f April 1987) Spain and Portugal (w.e.f. April 1987).

Region 14: European Free Trade Area countries (EFTA)

Austria; Faeroe Islands; Finland; Iceland; Norway; Sweden, and Switzerland.

Region 15: East European Countries (EAEC)

Bulgaria; Czechoslovakia; German Democratic Republic; Hungary; Poland; Rumania, U.S.S.R. and Yugoslavia (w.e.f. April 1987).

Region 16: Other European Countries (OEC)

Albania; Andorra; Channel Islands; Cyprus; Gibraltar; Liechtenstein; Malta; Turkey

INDEX NUMBERS OF QUANTUM AND UNIT VALUE OF EXPORTS AND IMPORTS

Tables 81 and 82

Many significant changes took place in the pattern of Indian foreign trade since 1958 and particularly from 1980. New commodities entered into the exports and many other items which were insignificant earlier gained importance. The commodity composition of imports, too, changed with the changing needs of the country. In view of changing pattern of foreign trade, the base period was further changed to 1978-79 from 1968-69 and the corresponding commodities basket was revised.

Scope and coverage

In order to ensure adequate coverage of trade for the new series of index numbers, the number of items included in case of exports and imports has been increased to 738 and 623 respectively as against 489 and 511 in the old series. The coverage of revised commodity basket accounts for 85 per cent of the value of exports and imports for the year 1978-79.

Method of Construction

As in the case of old series, the revised Index Numbers are of the fixed base type. The Unit Value (price) Index numbers are calculated according to the Paasche formula and the Quantum Index Numbers according to the Laspeyres formula; these are, however, not computed separately but are derived from the former indices.

The method of calculation of Unit Value Indices briefly consists of comparing the trade in the current period with that valued at base period prices. Symbolically, the Unit Value Index Number

P is given by the formula:

$$P = \frac{\sum p_n q_n}{\sum p_0 q_n}$$

Where  $p_0$  and  $q_n$  denote the unit value of an article in the base period and the current period respectively and  $q_0$  and  $q_n$  its respective quantities in these periods.

As mentioned above, the Quantum Indices are derived from the unit value indices P as follows:

$$\frac{V_n}{V_0} \times 100 / P$$

where  $V_0$  and  $V_n$  are the total values of trade in the base and current periods respectively.

## Adjustment for Incomplete Coverage

It is not possible in practice to include all the commodities entering in trade since information on quantities are lacking for many miscellaneous items in the trade records. Such items cannot be included in the cross valuations and hence do not appear directly in the compilation of Index Numbers. Adjustments have, therefore, been made in the final Index Numbers to allow for incomplete coverage. These adjustments are based on the assumption that the price changes in the items not covered in a section are similar to those shown by the items included in the calculation for the section. The method of adjustments can be explained symbolically as below:

The Unit Value Index  $P_i$  for the included items in the  $i^{\text{th}}$  section is given by the formula:

$$P_i = \frac{\sum_i p_n q_n}{\sum_i p_o q_n} \quad (1)$$

Where  $\sum_i$  = Summation over all included items in  $i^{\text{th}}$  section.

The adjusted unit value index  $P'_i$  for all the items of the  $i^{\text{th}}$  section will be

$$P'_i = \frac{\sum'_i p_n q_n}{\sum'_i p_o q_n} \quad (2)$$

Where  $\sum'_i$  = Summation over all items in the  $i^{\text{th}}$  section.

The adjusted General Index number  $P'$  will be

$$P' = \frac{\sum_{i=0}^{\infty} \sum'_i p_n q_n}{\sum_{i=0}^{\infty} \sum'_i p_o q_n} \quad (3)$$

While the aggregate  $\sum_i p_n q_n$  is known, the aggregate  $\sum_{i=0}^{\infty} \sum'_i p_o q_n$  is unknown and it cannot be computed directly. It is, therefore, estimated on the assumption that the price changes for the covered items and for all the items in a section are the same. In other words,  $P_i = P'_i$

$$\text{i.e., } P_i = \frac{\sum_i p_n q_n}{\sum_i p_o q_n} = \frac{\sum'_i p_n q_n}{\sum'_i p_o q_n} = P'_i$$

$$\text{So } \sum'_i p_o q_n = \frac{\sum'_i p_n q_n \times \sum_i p_o q_n}{\sum_i p_n q_n} = \sum'_i p_n q_n \times \frac{\sum_i p_o q_n}{\sum_i p_n q_n}$$

$$= \frac{\text{Total value of all items in the } i^{\text{th}} \text{ section}}{\text{Unadjusted unit value Index for the } i^{\text{th}} \text{ section}} \quad (4)$$

The adjusted General Unit Value Index Number  $P'$  is obtained by substituting the above value of  $\sum'_i p_o q_n$

summing over  $i=0$  to  $\infty$  in the equation (3)

Quantum Indices are similarly adjusted for incomplete coverage by using the adjusted Unit Value Index  $P'$  instead of the unadjusted Index  $P$  occurring in the formula for deriving the Quantum Indices.

## Linking of the old and revised series

The linking of the new series of index numbers  $I$  (new) with the old series  $I$  (old) would be possible by the application of the formula given below:

$$I(\text{old}) = \hat{K} I(\text{new})$$

$$\text{Where } \hat{K} = \frac{\sum I(\text{old})}{\sum I(\text{new})}$$

An empirical study has demonstrated that this formula gives more precise results than the other formulae meant for this purpose.

$$(1) I(\text{old}) = \hat{C} I(\text{new}) \text{ where } \hat{C} = \frac{1}{n} \sum_{i=1}^n \frac{I(\text{old})}{I(\text{new})}$$

$n$  = number of years of data used.

$$(2) \hat{I}(\text{old}) = a + b \hat{I}(\text{new}) \text{ where } b = \frac{\text{Cov} [\hat{I}(\text{old}) \hat{I}(\text{new})]}{\text{Var} [\hat{I}(\text{new})]}$$

$$\hat{a} = \hat{I}(\text{old}) - \hat{b} \hat{I}(\text{new})$$

#### COASTING TRADE

Tables 83A and 83B

Coasting trade statistics represent the trade registered at the ports in the States, that is, the trade between one State on one side and all other States on the other. The trade among ports within the same state has not been included.

The following Maritime Blocks each of which corresponds to a Maritime State or Union Territory have been adopted from April, 1957:

(1) West Bengal, (2) Orissa, (3) Andhra Pradesh, (4) Tamil Nadu, (5) Kerala, (6) Karnataka, (7) Bombay, (8) Andaman and Nicobar Islands and (9) Lakshadweep.

Further, consequent on bifurcation of Bombay State into two separate maritime blocks (1) Maharashtra and (2) Gujarat are being shown from April, 1961. Pondicherry has been adopted as a maritime block for the purposes of coasting trade statistics with effect from the same date. Besides Goa, Daman and Diu are being treated as a separate maritime block in coasting trade with effect from April, 1963. Again Daman and

In pursuance of Government orders with effect from April, 1964 coastal trade statistics are being compiled on import basis from daily trade returns received from the ports open to coastal trade. Export figures are being derived from import data, as imports into one port represents the exports from other ports.

The year refers to the period of twelve months, April to March.

#### INLAND TRADE

Table 84

Nature and scope- Inland Trade Statistics represent the movement of trade by railways and on steamer service, from and into a State taken as a whole or a chief port or ports, the trade of which is registered separately from that of the state in which such port or ports may be situated. Movement of trade by other means (e.g. road, air, country boats etc.) is thus excluded from the scope of these statistics.

Trade Block- Prior to April, 1962 there were 29 Trade Blocks. The list has since been amplified with a view to taking into account the bifurcation of the erstwhile Bombay State into Gujarat and Maharashtra. It was further amplified in April, 1965 to provide for separate formation of Nagaland. For the purposes of accounts, and as from April, 1965, India is divided into 31 Trade Blocks, representing the States and Union Territories except Andhra Pradesh, Gujarat, Kerala, Tamil Nadu, Maharashtra, Karnataka and West Bengal which have been constituted into more than one Trade Block. The Reorganisation of the Punjab and Himachal Pradesh has been given effect from April, 1967. Chandigarh is shown as a separate Trade Block since April 1967.

Further, a new trade block of Kandla was introduced in April, 1975 and three more trade blocks namely Meghalaya, Arunachal Pradesh and Mizoram were introduced in April, 1976. Thus number of trade blocks was 38 in April, 1976.

Method of Registration- The figures from April, 1965 onwards represent actual exports from each trade block. According to arrangement in force, each of the railways and the steamer companies registers such traffic as is despatched from stations on its line within a particular trade block to other trade blocks. Prior to April, 1965 these figures were recorded on imports' basis. In case of Tripura, however, there is no railway or steamer station or out-agency within the trade block, and special arrangements have been made to record the trade. The trade of this block is recorded by the following agencies:

- (1) in respect of trade via the Bangladesh Railway by certain land and customs stations on the Tripura Bangladesh border;

- (2) in respect of trade via Patharkandi station on the Assam-Tripura border, by the North East Frontier Railway.

River borne trade- The statistics upto the period ending August, 1965 cover only the trade carried by the River Steam Navigation Co. Ltd. between the trade blocks mentioned below.

- (1) Calcutta (2) Assam (3) West Bengal (excluding Calcutta)

No account is taken of (a) trade carried by other steamer owners or boat-owners between these trade blocks or (b) river borne trade between other trade blocks.

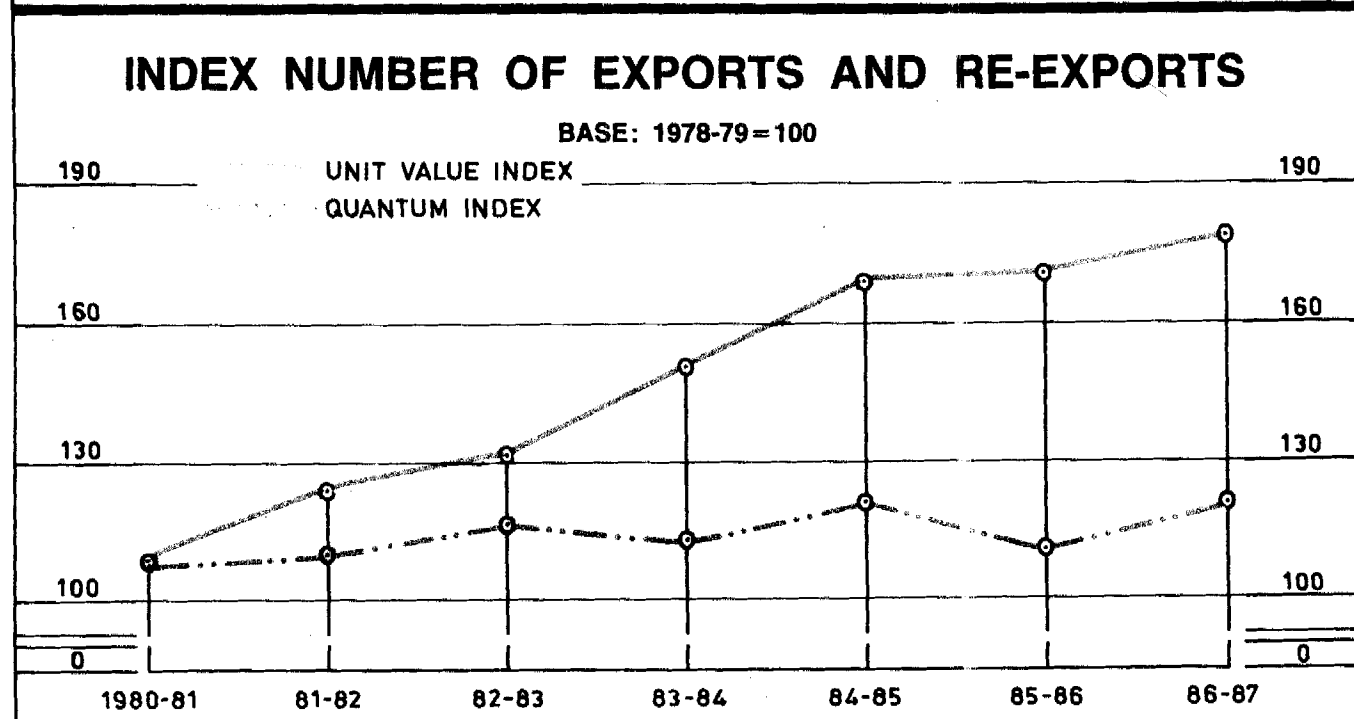
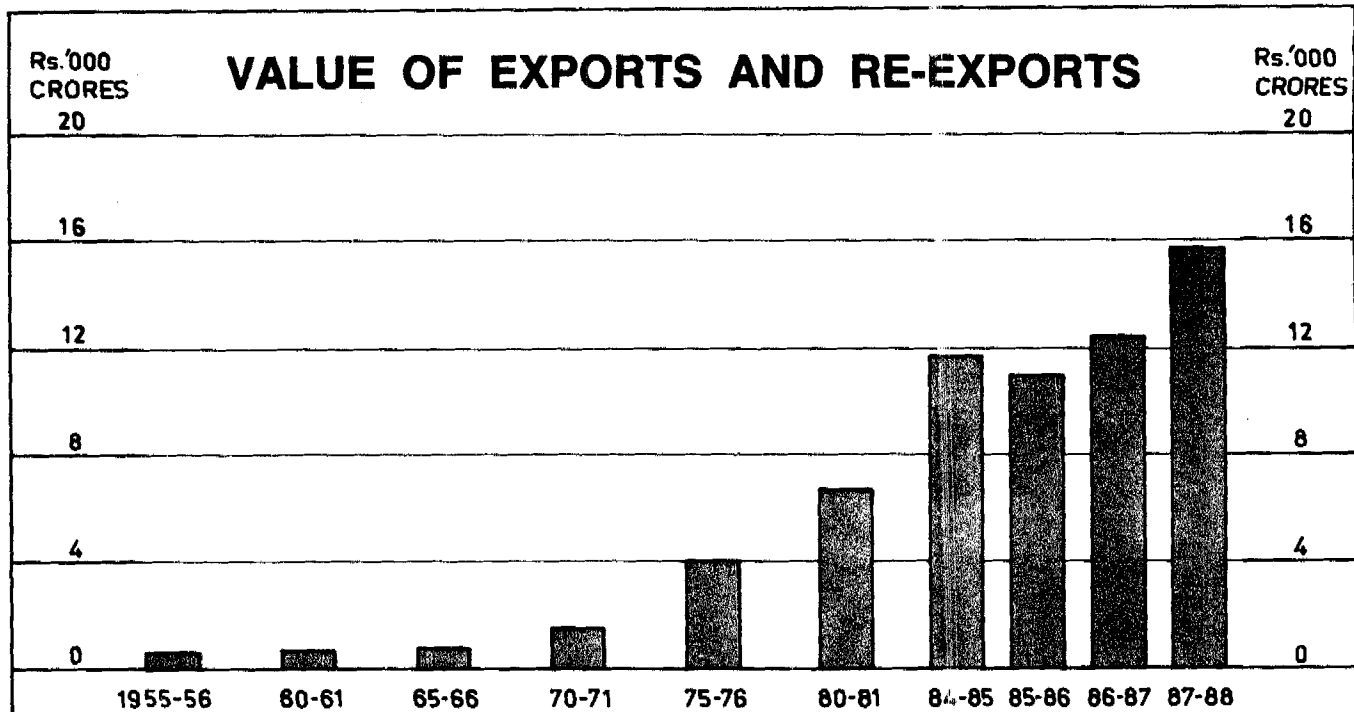
For the purposes of registration, trade originating in a railway and transhipped, through booking arrangements, at a railway station to a steamer for conveyance to a river station, is treated as carried wholly by rail. The above company, however, suspended its steamer service from September, 1965. Thus the statistics relate only to rail-borne trade from September, 1965 to 1971-72, thereafter i.e. from 1972-73 the Central Inland Water Transport Corporation Ltd., Calcutta, are furnishing statistics in respect of river borne trade between the above mentioned blocks.

Articles and Units of measurement- The trade in certain staple articles only is recorded and the weight recorded is the net weight i.e., the gross weight entered in the invoices less certain fixed percentage which have been taken to represent the weight of packing etc. From 1978-79 the weight recorded is the Gross weight. Values are not recorded. Figure of oilseeds represent the trade in the following varieties: (1) castor, (2) cottonseed, (3) groundnut, (4) linseed, (5) rape and mustard, (6) til (jinja). Cotton Piecegoods include both Indian and foreign. Jute raw includes both loose and pucca bales. Raw cotton figures do not make distinction between ginned and unginned.

Period- Figures relate generally to the financial year April-March, but in the case of raw cotton figures relate to the year September-August.

# FOREIGN TRADE

## EXPORTS AND RE-EXPORTS



## TRADE

## FOREIGN TRADE

Table 73-OVERALL TRADE IN MERCHANDISE AND TREASURE  
(By Sea, Air and Land)

(Rs. lakhs)

	1955-56	1960-61	1965-66	1970-71	1975-76	1980-81	1984-85	1985-86	1986-87	1987-88(P)	
	1	2	3	4	5	6	7	8	9	10	11
Merchandise											
Imports (Foreign merchan- dise)	77,441	112,162	140,853	163,420	526,478	1,254,915	1,713,420	1,965,769	2,009,576	2,234,302	
Exports (Indian merchan- dise)	60,336	63,242	80,556	152,439	402,592	669,338	1,170,479	1,084,708	1,241,658	1,564,803	
Re-Exports (Foreign merchan- dise)	566	997	399	1,077	1,034	1,732	3,889	4,750	3,537	7,133	
Total exports	60,902	64,239	80,955	153,516	403,626	671,070	1,174,368	1,089,458	1,245,195	1,571,936	
Balance of trade	-16,539	-47,923	-59,898	-9,904	-122,852	-583,845	-539,052	-876,311	-754,381	-662,366	
Treasure											
Imports											
Gold	10	86	37	94	4	13	288	919	1,056	966	
Silver(1)	-	-	-	-	-	-	-	-	-	-	
Currency notes(3)	1,381	686	1,297	333	4	1	109	34	56	125	
Total	1,391	772	1,334	427	8	14	397	953	1,112	1,091	
Exports(2)											
Gold	..	..	..	-	-	..	..	..	..	..	
Silver(1)	-	-	-	-	-	-	-	-	-	-	
Currency notes(3)	307	1,094	286	4	4	3	..	..	..	..	
Total	307	1,094	286	4	4	3	..	..	..	..	
Balance of trade(4)	-10	-86	-37	-94	-4	-13	-288	-919	-1,056	-966	
Visible Balance of trade	-16,549	-48,009	-59,935	-9,998	-122,856	-583,858	-539,340	-877,230	-755,437	-663,332	

Source: Directorate General of Commercial Intelligence and Statistics

- (1) From January 1957 silver figures are included under merchandise.  
 (2) Includes re-exports.  
 (3) Includes Government of India coins.  
 (4) With respect to gold and silver only.



## TRADE

## FOREIGN TRADE

Table 74-INDIA'S FOREIGN TRADE BY GROUPS, DIVISIONS AND SECTIONS  
(By Sea, Air and Land)

(Rs.lakhs)

GROUPS, DIVISIONS AND SECTIONS	1980-81			1985-86			1986-87		
	Imports	Exports	Re- exports	Imports	Exports	Re- exports	Imports	Exports	Re- exports
1	2	3	4	5	6	7	8	9	10
SECTION 0-FOOD AND LIVE ANIMALS CHIEFLY FOR FOOD	38,015	170,512	5	87,801	250,611	325	75,025	277,939	278
Division 00-Live animals chiefly for food	79	851	-	120	249	-	111	146	-
001 Live animals chiefly for food	79	851	-	120	249	-	111	146	-
Division 01-Meat and Meat preparations	5	5,550	-	10	7,381	-	16	7,792	-
011 Meat and edible meat offals, fresh, chilled or frozen (except meat and meat offals unfit or unsuitable for human consumption)	3	5,134	-	-	7,106	-	-	7,493	-
012 Meat and edible meat offals (except poultry liver), salted in brine, dried or smoked	1	-	-	-	17	-	1	76	-
014 Meat and edible meat offals, prepared or preserved n.e.s fish extracts	1	415	-	10	258	-	15	224	-
Division 02-Dairy Products and Bird's Eggs	9,598	511	-	5,791	384	-	2,897	338	-
022 Milk and cream	4,110	46	-	3,231	137	-	1,978	126	-
023 Butter	5,481	67	-	2,549	214	-	909	166	-
024 Cheese and curd	4	-	-	5	-	-	9	4	-
025 Eggs, birds and egg yolks, fresh, dried or otherwise preserved, sweetened or not	2	393	-	7	33	-	2	42	-
Division 03-Fish crustaceans and molluscs and preparations thereof	815	21,289	-	163	40,898	-	16	52,935	-
034 Fish fresh (live or dead) chilled or frozen	4	1,309	-	160	2,716	-	14	3,148	-
035 Fish, dried, salted or in brine; smoked fish (whether or not cooked before or during the smoking process)	1	201	-	2	742	-	1	662	-
036 Crustaceans and molluscs whether in shell or not, fresh (live or dead) chilled, frozen, salted, in brine or dried; crustaceans, in shell, simply boiled in water	809	19,633	-	-	37,236	-	..	48,856	-
037 Fish, crustaceans and molluscs prepared or preserved n.e.s.	1	145	-	1	204	-	1	271	-

Source: Directorate General of Commercial Intelligence and Statistics

## TRADE

## FOREIGN TRADE

Table 74-INDIA'S FOREIGN TRADE BY GROUPS, DIVISIONS AND SECTIONS-contd.  
(By Sea, Air and Land)

(Rs.Lakhs)

GROUPS, DIVISIONS AND SECTIONS	1980-81			1985-86			1986-87		
	Imports	Exports	Re- exports	Imports	Exports	Re- exports	Imports	Exports	Re- exports
1	2	3	4	5	6	7	8	9	10
Division 04-Cereals and cereal preparations	10,041	24,209	-	11,020	25,628	-	8,693	24,616	-
041 Wheat (including spelt) and meslin, unmilled	7,659	1,064	-	6,103	4,586	-	4,405	3,603	-
042 Rice	369	22,386	-	1,373	19,632	-	170	19,734	-
043 Barley, unmilled	11	95	-	-	3	-	-	1	-
044 Maize(corn), unmilled	442	-	-	258	90	-	26	-	-
045 Cereals,unmilled (other than wheat,rice,barley and maize)	27	2	-	66	219	-	-	124	-
046 Meal and flour of wheat and flour of meslin	525	9	-	240	90	-	199	2	-
047 Other cereal meals and flours	13	7	-	210	9	-	196	1	-
048 Cereal preparations and preparations of flour or starch of fruits or vegetables	995	726	-	2,770	999	-	3,696	1,150	-
Division 05-Vegetables and fruits	6,532	21,971	-	25,240	39,931	323	36,577	52,270	278
054 Vegetables fresh, chilled, frozen or simply preserved(including dried leguminous vegetables); roots, tubers and other edible vegetable products n.e.s., fresh or dried	3,117	3,507	-	18,949	6,425	323	23,397	7,916	278
056 Vegetables roots and tubers, prepared or preserved n.e.s.	1	1,017	-	2	1,239	-	2	1,984	-
057 Fruits and nuts (not including oil nuts),fresh or dried	3,358	16,127	-	6,238	26,920	-	13,052	38,156	-
058 Fruit preserved and fruit preparations	1	1,320	-	52	5,347	-	126	4,214	-
Divison 06-Sugar,sugar preparations and honey	8,834	4,061	-	41,818	1,678	-	22,375	203	..
061 Sugar and honey	8,833	3,986	-	41,818	1,594	-	22,375	162	..
062 Sugar confectionery (except chocolate confectionery) and other sugar preparations	1	75	-	-	85	-	-	42	..

## TRADE

## FOREIGN TRADE

Table 74-INDIA'S FOREIGN TRADE BY GROUPS, DIVISIONS AND SECTIONS-contd.  
(By Sea, Air and Land)

(Rs.lakhs)

GROUPS, DIVISIONS AND SECTIONS	1980-81			1985-86			1986-87		
	Imports	Exports	Re- exports	Imports	Exports	Re- exports	Imports	Exports	Re- exports
1	2	3	4	5	6	7	8	9	10
Division 07-Coffee,tea,cocoa,spices and manufactures thereof	1,940	75,173	5	2,432	117,825	1	3,338	115,330	..
071 Coffee and coffee substitutes	-	21,424	-	-	27,341	-	..	29,670	-
072 Cocoa	111	59	-	6	60	-	15	53	-
073 Chocolate and other food prepa- ration containing cocoa n.e.s.	-	4	-	..	17	-	..	34	-
074 Tea and mate	..	42,550	-	..	62,627	-	..	57,679	-
075 Spices	1,828	11,136	5	2,425	27,780	-	3,324	27,894	..
Division 08-Feeding stuff for animals (not including unmilled cereals)	64	15,233	-	525	15,376	-	663	22,558	-
081 Feeding stuff for animals (not including unmilled cereals)	64	15,233	-	525	15,376	-	663	22,558	-
Division 09-Miscellaneous edible products and preparations	108	984	-	680	1,262	-	338	1,749	-
091 Margarine and shortening	-	173	-	..	72	-	..	195	-
098 Edible products and preparations n.e.s.	108	811	-	680	1,190	-	338	1,555	-
SECTION 1-BEVERAGES AND TOBACCO	78	14,131	-	365	17,044	10	303	18,663	10
Division 11-Beverages	61	64	-	253	88	9	218	148	10
111 Non-alcoholic beverages, n.e.s.	-	4	-	..	6	-	..	2	-
112 Alcoholic beverages	61	60	-	253	83	9	218	145	10
Division 12- Tobacco and tobacco manufactures	17	14,068	-	112	16,956	1	85	18,516	-
121 Tobacco, unmanufactured tobacco refuse	3	12,441	-	3	13,694	-	12	14,543	-
122 Tobacco,manufactured	15	1,627	-	109	3,262	1	73	3,972	-

## TRADE

## FOREIGN TRADE

Table 74-INDIA'S FOREIGN TRADE BY GROUPS, DIVISIONS AND SECTIONS-contd.  
(By Sea, Air and Land)

(Rs.lakhs)

GROUPS, DIVISIONS AND SECTIONS	1980-81			1985-86			1986-87		
	Imports	Exports	Re- exports	Imports	Exports	Re- exports	Imports	Exports	Re- exports
1	2	3	4	5	6	7	8	9	10
SECTION 2-CRUDE MATERIALS, INEDIBLE EXCEPT FUELS	56,544	81,359	90	150,238	111,901	1	162,456	118,590	2
Division 21-Hides,skins and furskins,raw	47	69	-	284	3	-	519	1	-
211 Hides and skins(except furskins) raw	47	58	-	265	3	-	414	1	-
212 Furskins, raw (including astrakhan, caracut, persian lamb broadtail and similar skins)	-	10	-	18	..	-	105	..	-
Division 22-Oil seeds and oleaginous fruit	1,190	6,049	-	223	2,415	-	650	3,233	-
222 oil seeds and oleaginous fruit whole or broken, of a kind used for the extraction of 'soft' fixed vegetable oils (excluding flours and meals)	559	5,402	-	-	1,833	-	1	2,479	-
223 Oil seeds and oleaginous fruit, whole or broken, of a kind used for the extraction of other fixed vegetable oils (including non-defatted flours and meals of oil seeds and oleaginous fruit)	631	647	-	223	582	-	648	774	-
Division 23- Crude rubber (including synthetic and reclaimed)	3,155	35	-	10,062	33	-	10,746	14	-
232 Natural rubber latex; natural rubber and similar natural gums	1,000	2	-	3,580	1	-	4,415	2	-
233 Synthetic rubber latex; synthetic rubber and reclaimed rubber; waste and scrap of unhardened rubber	2,154	33	-	6,482	32	-	6,332	12	-
Division 24-Cork and wood	644	416	-	4,099	93	-	12,065	35	-
244 Cork natural, raw and waste (including natural cork in blocks or sheets)	110		-	352	..	-	163	5	-
245 Fuel wood (excl.wood waste) and wood charcoal	14	66		5	1	-	2	1	-
246 Pulpwood (including chips and wood waste)	-	2	-	..	-	-	..	..	-
247 Other wood in the rough or roughly squared	193	297	-	3,072	68	-	9,805	26	-
248 Wood simply worked & railway sleepers of wood	327	52	-	670	23	-	2,095	3	-

## TRADE

## FOREIGN TRADE

Table 74-INDIA'S FOREIGN TRADE BY GROUPS, DIVISIONS AND SECTIONS-contd.  
(By Sea, Air and Land)

(Rs.lakhs)

GROUPS, DIVISIONS AND SECTIONS	1980-81			1985-86			1986-87		
	Imports	Exports	Re- exports	Imports	Exports	Re- exports	Imports	Exports	Re- exports
1	2	3	4	5	6	7	8	9	10
Division 25- Pulp and waste paper	1,830	39	-	24,547	2	-	24,351	1	-
251 Pulp and waste paper	1,830	39	-	24,547	2	-	24,351	1	-
Division 26- Textile fibres (other than wool tops) and their wastes (not manufactured into yarn or fabric)	16,420	18,397	-	25,938	7,771	-	22,363	21,865	-
261 Silk	568	21	-	3,850	90	-	4,033	76	-
263 Cotton	2	17,710	-	1,257	6,957	-	7	20,916	-
264 Jute and other textile bast fibres, n.e.s. raw or processed but not spun; tow and waste thereof (including pulled or garnetted rags or ropes)	202	533	-	615	445	-	256	607	-
265 Vegetable textile fibres (other than cotton and jute) and waste of such fibres	228	27	-	257	1	-	334	27	-
266 Synthetic fibres suitable for spinning	2,941	-	-	4,761	12	-	5,285	2	-
267 Other man-made fibres suitable for spinning and waste of man-made fibres	6,712	-	-	2,102	80	-	613	61	-
268 Wool and other animal hair(excluding wool tops)	5,079	98	-	10,273	160	-	8,804	161	-
269 Old clothing and other old textile articles;rags	687	8	-	2,823	25	-	3,032	15	-
Division 27- Crude fertilizers and crude minerals(excluding coal petroleum and precious stones)	20,831	6,834	-	46,634	10,951	1	42,056	10,695	1
271 Fertilizers, crude	7,906	1	-	16,262	-	-	14,502	..	-
273 Stone, sand and gravel	20	2,945	-	42	5,778	-	263	7,204	-
274 Sulphur and unroasted iron pyrites	8,640	4	-	22,034	-	-	20,021	-	-
277 Natural abrasives n.e.s. (including industrial diamonds)	137	8	-	243	38	-	375	36	-
278 Other crude minerals	4,129	3,875	-	8,053	5,136	1	6,895	3,454	1

## TRADE

## FOREIGN TRADE

Table 74-INDIA'S FOREIGN TRADE BY GROUPS, DIVISIONS AND SECTIONS-contd.  
(By Sea, Air and Land)

(Rs.lakhs)

GROUPS, DIVISIONS AND SECTIONS	1980-81			1985-86			1986-87		
	Imports	Exports	Re- exports	Imports	Exports	Re- exports	Imports	Exports	Re- exports
1	2	3	4	5	6	7	8	9	10
Division 28- Metalliferous ores and metal scrap	11,557	34,332	90	36,274	67,751	-	47,200	61,151	-
281 Iron ore and concentrates	12	30,333	-	..	57,880	-	821	54,661	-
282 Waste and scrap metal of iron or steel	3,412	88	-	25,821	237	-	34,274	110	-
286 Ores and concentrates of uranium and thorium	-	-	-	..	45	-	..	..	-
287 Ores and concentrates of base metal n.e.s.	2,180	4,103	90	2,543	9,589	-	2,737	6,380	-
288 Non-ferrous base metal waste and scrap n.e.s.	5,941	9	-	7,910	..	-	9,351	-	-
289 Ores and concentrates of precious metals; waste, scrap and sweepings of precious metals (other than of gold)	12	-	-	..	..	-	17	-	-
Division 29- Crude animal and vegetable materials, n.e.s.	870	14,986	-	2,177	22,883	-	2,507	21,595	1
291 Crude animal materials n.e.s.	124	3,322	-	242	3,411	-	149	4,048	1
292 Crude vegetable materials, n.e.s.	746	11,664	-	1,934	19,472	-	2,358	17,546	-
SECTION 3- MINERAL FUELS, LUBRICANTS AND RELATED MATERIALS	529,299	2,785	-	521,307	65,494	-	302,942	41,755	-
Division 32- Coal, coke and briquettes	2,744	293	-	22,366	1,012	-	21,882	597	-
322 Coal, lignite and peat	2,744	293	-	21,771	992	-	19,702	571	-
323 Briquettes, coke and semi-coke of coal, lignite or peat: retort carbon	-	-	-	596	19	-	2,180	26	-
Division 33- Petroleum, petroleum products and related materials	526,347	2,491	-	498,939	64,472	-	281,059	41,123	-
333 Petroleum oils, crude and crude oils obtained from bituminous minerals	334,897	..	-	368,680	13,515	-	212,019	..	-
334 Petroleum products refined	191,450	2,491	-	130,259 (a)	50,957	-	69,040 (b)	41,123	-
335 Residual petroleum products n.e.s. and related materials	-	-	-	-	-	-	-	-	-

(a) Includes Rs.2899 lakhs imports by P.O.L.Pvt.

(b) Includes Rs.3766 lakhs imports by P.O.L. Pvt.

## TRADE

## FOREIGN TRADE

Table 74-INDIA'S FOREIGN TRADE BY GROUPS, DIVISIONS AND SECTIONS-contd.  
(By Sea, Air and land)

(Rs.lakhs)

GROUPS, DIVISIONS AND SECTIONS	1980-81			1985-86			1986-87		
	Imports	Exports	Re- exports	Imports	Exports	Re- exports	Imports	Exports	Re- exports
1	2	3	4	5	6	7	8	9	10
Division 34-Gas,Natural and manufactured	207	-	-	2	10	-	1	35	-
341 Gas,natural and manufactured	207	-	-	2	10	-	1	35	-
Division 35-Electric Current	-	-	-	..	-	-	..	-	-
351 Electric Current	-	-	-	..	-	-	..	-	-
SECTION 4-ANIMAL AND VEGETABLE OILS, FATS AND WAXES	70,883	1,930	-	77,010	4,861	-	65,625	3,180	2
Division 41-Animal oils and fats	2,181	23	-	8	34	-	30	22	-
411 Animal oils and fats	2,181	23	-	8	34	-	30	22	-
Division 42-Fixed,vegetable oils and fats	68,290	1,470	-	74,914	4,679	-	63,432	3,006	2
423 Fixed veg.oils; 'soft' crude refined or purified	42,781	-	-	40,303	377	-	26,057	105	2
424 Other fixed veg. oils, fluid or solid,crude,refined or purified	25,508	1,469	-	34,611	4,302	-	37,375	2,901	-
Division 43-Animal and vegetable oils and fats processed and waxes of animals or vegetable origin	412	437	-	2,088	147	-	2,163	152	-
431 Animal and vegetable oils and fats,processed and waxes of animals or vegetable origin	412	437	-	2,088	147	-	2,163	152	-
SECTION-5 CHEMICALS AND RELATED PRODUCTS N.E.S	132,459	23,460	86	287,285	39,092	315	263,666	48,496	135
Division 51-Organic Chemicals	20,179	1,358	63	51,947	2,830	194	55,217	4,838	55
511 Hydrocarbons n.e.s. and their halogenated,sulphonated,nitrated or nitrosated derivatives	2,076	48	-	6,249	182	-	8,837	243	-
512 Alcohols,phenols,phenolacohols, & their halogenated,sulphonated, nitrated or nitrosated or nitrosated derivatives	3,821	42	-	7,609	366	53	9,833	300	-
513 Carboxylic acids,and their anhydrides, halides, peroxides & peracids and their halogenated, sulphonated, nitrated or nitrosated derivatives	1,052	220	-	5,939	139	-	8,339	431	-
514 Nitrogen-function compounds	1,354	257	-	2,865	1,229	130	3,871	2,389	55
515 Organio-inorganic and heterocyclic compounds	3,790	5	63	5,242	78	-	7,540	125	-
516 Other organic chemicals	8,086	786	-	24,043	837	11	16,797	1,349	-

## TRADE

## FOREIGN TRADE

Table 74-INDIA'S FOREIGN TRADE BY GROUPS, DIVISIONS AND SECTIONS-contd.  
(By Sea, Air and Land)

(Rs.lakhs)

GROUPS, DIVISIONS AND SECTIONS	1980-81			1985-86			1986-87		
	Imports	Exports	Re- exports	Imports	Exports	Re- exports	Imports	Exports	Re- exports
1	2	3	4	5	6	7	8	9	10
Division 52-Inorganic chemicals	15,641	1,783	-	56,994	2,305	2	59,314	3,136	10
522 Inorganic-chemicals, elements, oxides and halogen salts	10,051	391	-	45,976	255	-	55,568	398	2
523 Other inorganic chemicals, organic and inorganic compounds of precious metals	5,589	1,392	-	11,018	50	2	3,746	2,734	8
524 Radio active and associated materials	-	-	-	-	-	-	-	-	5
Division 53-Dyeing, tanning and colouring materials	2,077	5,072	-	5,638	7,453	1	6,643	12,124	-
531 Synthetic organic dyestuff etc. natural indigo and colour lakes	804	3,548	-	664	3,854	-	764	8,378	-
532 Dyeing and tanning extracts, and synthetic tanning materials	834	75	-	2,657	104	-	2,804	146	-
533 Pigments, paints, varnishes and related materials	438	1,449	-	2,318	3,495	1	3,075	3,600	-
Division 54-Medicinal and pharmaceutical products	8,458	6,742	-	17,715	15,720	66	21,377	16,100	-
541 Medical pharmaceutical products	8,458	6,742	-	17,715	15,720	66	21,377	16,100	-
Division 55-Essential oils and perfume materials, toilet, polishing and creansing preparations	935	7,424	-	2,833	6,691	49	4,693	7,814	15
551 Essential oils, perfume and flavour materials	514	725	-	947	1,884	-	2,204	2,565	8
553 Perfumery, cosmetics and toilet preparations (excluding soaps); aqueous distillates and aqueous solutions of essential oils (including such products suitable for medicinal uses)	35	3,055	-	426	4,422	49	1,082	4,834	7
554 Soap, cleansing and polishing preparations	387	3,644	-	1,459	386	-	1,406	415	-
Division 56-Fertilisers manufactured	65,230	188	-	106,284	12	-	57,585	10	-
562 Fertilizers, manufactured	65,230	188	-	106,284	12	-	57,585	10	-



## TRADE

## FOREIGN TRADE

Table 74-INDIA'S FOREIGN TRADE BY GROUPS, DIVISIONS AND SECTIONS-contd.  
(By Sea, Air and Land)

(Rs.lakhs)

GROUPS, DIVISIONS AND SECTIONS	1980-81			1985-86			1986-87		
	Imports	Exports	Re- exports	Imports	Exports	Re- exports	Imports	Exports	Re- exports
1	2	3	4	5	6	7	8	9	10
Division 57-Explosives and pyrotechnic products	592	56	-	281	52	-	235	157	-
572 Explosives and pyrotechnic products	592	56	-	281	52	-	235	157	-
Division 58-Artificial resins and plastic materials and cellulose esters and ethers	12,137	254	1	32,202	631	3	43,394	1,106	7
582 Condensation, poly condensation polyaddition products, whether or not modified or polymerized, and whether or not liner (e.g. phenoplasts, amino plastics, alkyds polyallyl esters and other unsaturated polysters, silicones)	1,006	72	-	1,996	50	2	2,887	220	-
583 Polymerization and Co-polymerization products	9,349	90	1	26,249	496	-	35,055	772	6
584 Regenerated cellulose; cellulose nitrate, cellulose acetate and other cellulose esters, cellulose ethers and other chemical derivatives of cellulose, plasticized or not (e.g. collodions, celluloid); Vulcanized fibre	430	44	-	611	11	-	751	31	2
585 Other artificial resins and plastic materials	1,353	48	-	3,346	75	1	4,701	82	-
Division 59-Chemical materials and products n.e.s.	7,211	583	19	14,391	3,398	-	15,209	3,210	19
591 Disinfectants, insecticides, fungicides, weed killers, anti-sprouting products, rat poisons and similar products put up in forms or packings for sale by retail or as preparations or as articles (e.g. sulphur treated bands, wicks and candles fly-paper)	2,525	120	18	1,859	3,032	-	3,132	2,763	-
592 Starches, inulin and wheat glutch; albuminoidal substances; glues	273	51	-	248	26	-	431	33	-
598 Miscellaneous chemical Products n.e.s.	4,413	412	1	12,284	340	-	11,647	414	19

## TRADE

## FOREIGN TRADE

Table 74-INDIA'S FOREIGN TRADE BY GROUPS, DIVISIONS AND SECTIONS-contd.  
(By Sea, Air and Land)

(Rs.lakhs)

GROUPS, DIVISIONS AND SECTIONS	1980-81			1985-86			1986-87		
	Imports	Exports	Re- exports	Imports	Exports	Re- exports	Imports	Exports	Re- exports
1	2	3	4	5	6	7	8	9	10
SECTION 6-MANUFACTURED GOODS CLASSIFIED CHIEFLY BY MATERIAL	224,202	231,430	602	378,111	370,639	450	435,691	452,862	258
Division 61- Leather, leather manufactures n.e.s. and dressed furskins	137	33,713	-	874	64,863	-	1,525	73,121	-
611 Leather	104	27,715	-	614	40,178	-	1,035	46,641	-
612 Manufactures of leather of composition leather n.e.s., saddlery and harness: parts of footwear n.e.s.	31	5,914	-	257	24,486	-	490	26,433	-
613 Furskins tanned or dressed (incl. furskins assembled in plates, cros- ses and similar forms): pieces of cuttings of furskin tanned or dressed (incl. heads, paws, tails and the like, not being fabricated)	2	85	-	3	..	-	..	47	-
Division 62-Rubber manufactures n.e.s.	1,800	2,577	-	4,706	8,326	11	6,237	8,507	12
621 Materials of rubber (e.g. paste plates, sheets, rods, thread, tubes of rubber)	478	160	-	817	942	-	1,014	417	-
625 Rubber tyres case, interchangeable tyre threads, inner tubes and tyre flaps, for wheels of all kinds	209	1,574	-	226	4,592	2	419	5,927	10
628 Articles of rubber n.e.s.	1,114	843	-	3,653	2,792	9	4,804	2,163	2
Division 63-Cork and wood manufactures (excluding furniture)	220	1,457	-	735	1,393	-	1,103	1,846	-
633 Cork manufactures	31	24	-	49	11	-	16	25	-
634 Veneers, plywood improved, or reconstituted wood, and other wood worked n.e.s.	25	858	-	521	897	-	687	1,165	..
635 Wood manufactures n.e.s.	163	575	-	165	484	-	399	656	-
Division 64-Paper paperboard/ articles of paper pulp of paper or paperboard	18,651	590	-	22,597	650	17	21,708	604	1
641 Paper and paperboard	18,497	305	-	22,240	421	-	21,098	434	-
642 Paper and paperboard, cut to size or shape and articles of paper or paper board	154	284	-	357	229	17	610	170	1

## TRADE

## FOREIGN TRADE

Table 74-INDIA'S FOREIGN TRADE BY GROUPS, DIVISIONS AND SECTIONS-contd.  
(By Sea, Air and Land)

(Rs.lakhs)

GROUPS, DIVISIONS AND SECTIONS	1980-81			1985-86			1986-87		
	Imports	Exports	Re- exports	Imports	Exports	Re- exports	Imports	Exports	Re- exports
1	2	3	4	5	6	7	8	9	10
Division 65-Textile yarn, fabrics, made-up articles, n.e.s. and related products	5,941	101,651	347	15,268	125,439	193	15,093	140,580	174
651 Textile Yarn	5,039	5,014	-	10,595	8,418	4	8,569	13,881	81
652 Cotton fabrics,woven (not incl. narrow or special fabrics	5	27,649	-	284	39,631	-	1,883	44,066	33
653 Fabrics,woven of man-made fibres (not incl. narrow or special fabrics)	54	3,154	335	349	2,378	2	607	3,018	132
654 Textile fabrics,woven, other than of cotton or man-made fibr	13	20,371	-	350	20,229	-	643	19,946	-
655 Knitted (or crocheted fabrics incl. tubular knit-fabrics,pile fabrics and open work fabrics)	4	32	-	463	10	-	553	60	-
656 Tulle,lace,embroidery, ribbons, trimmings and other small wares	33	1,020	-	95	558	-	269	731	-
657 Special textile fabrics and related Products	738	825	12	1,869	644	-	2,034	629	1
658 Made-up articles,wholly or chiefly of textile materials n.e.s.	55	24,994	-	1,264	25,520	186	535	22,778	59
659 Floor coverings etc.	-	18,582	-	..	28,051	1	..	35,471	-
Division 66-Non-metallic mineral manufactures,n.e.s.	55,523	64,596	-	120,141	145,303	36	16,185	203,734	12
661 Lime,cement,and fabricated construction materials (except glass and clay materials)	9,779	583	-	2,807	641	-	1,723	380	-
662 Clay construction materials and refractory construction materials	624	307	-	1,278	261	-	2,307	261	-
663 Mineral manufactures n.e.s.	1,606	1,672	-	2,740	1,770	36	3,165	2,075	12
664 Glass	1,163	950	-	1,586	538	-	3,675	357	-
665 Glassware	674	835	-	1761	902	-	2005	1127	-
666 Pottery	2	56	-	2	21	-	1	50	-
667 Pearls, precious and semi- precious unworked or worked	41,675	60,192	-	109,967	141,162	-	148,939	199,484	-

## TRADE

## FOREIGN TRADE

Table 74-INDIA'S FOREIGN TRADE BY GROUPS, DIVISIONS AND SECTIONS-contd.  
(By Sea, Air and Land)

(Rs. lakhs)

GROUPS, DIVISIONS AND SECTIONS	1980-81			1985-86			1986-87		
	Imports	Exports	Re- exports	Imports	Exports	Re- exports	Imports	Exports	Re- exports
1	2	3	4	5	6	7	8	9	10
Division 67-Iron and Steel	85,242	6,827	143	139,460	5,614	2	155,636	5,601	4
671 Pig iron spiegeleisen sponge iron or steel powders and shots, and ferro-alloys	1,564	57	-	9,446	180	-	9,800	63	-
672 Ingots and other primary forms of iron or steel	3,855	235	-	12,831	154	-	19,970	16	1
673 Iron and steel bars, rods, angles, shapes and sections (including sheet piling)	14,856	535	-	10,572	409	-	11,281	129	-
674 Universals, plates and sheets of iron or steel	47,987	27	-	60,026	158	-	60,001	828	-
675 Hoop and strip, or iron or steel, hot-rolled or cold rolled	1,765	1	-	3,088	35	1	2,722	64	-
676 Rails and railway tract construction materials of iron or steel	1,433	41	-	905	169	-	2,146	81	2
677 Iron or steel wire (excluding wire rod), whether or not coated but not insulated	961	421	142	1,265	123	-	1,233	180	-
678 Tubes, pipes and fittings of iron or steel	12,355	5,149	-	40,074	3,145	1	47,270	1,714	-
679 Iron and steel castings, forgings and stampings, in the rough states, n.e.s	465	361	-	1,253	1,242	-	1,213	2,526	-
Division 68-Non-ferrous metals	47,742	1,553	1	54,132	4,207	28	51,676	2,426	7
681 Silver, platinum and other metals of the platinum group	392	-	-	307	-	-	274	244	-
682 Copper	12,828	571	-	23,571	950	-	15,736	178	7
683 Nickel	2,693	4	-	4,128	6	1	3,105	1	-
684 Aluminium	20,395	899	-	10,879	2,475	-	19,098	1,530	-
685 Lead	2,519	4	-	2,445	7	-	2,876	97	-
686 Zinc	4,451	49	-	8,760	18	-	6,127	14	-
687 Tin	3,099	12	-	2,696	11	-	2,797	10	-
688 Uranium depleted in U235 and thorium and their alloys, unwrought or wrought and articles thereof n.e.s waste and scrap of uranium depleted in U235 and of thorium	-	-	-	..	-	-	..	..	-
689 Misc. non-ferrous base metals employed in metallurgy and and cermets	1,364	14	-	1,396	740	27	1,664	352	-

## TRADE

## FOREIGN TRADE

Table 74-INDIA'S FOREIGN TRADE BY GROUPS, DIVISIONS AND SECTIONS-contd.  
(By Sea, Air and Land)

(Rs.lakhs)

GROUPS, DIVISIONS AND SECTIONS	1980-81			1985-86			1986-87		
	Imports	Exports	Re- exports	Imports	Exports	Re- exports	Imports	Exports	Re- exports
1	2	3	4	5	6	7	8	9	10
Division 69-Manufacturers of metal, n.e.s.	8,945	18,466	111	20,147	15,042	163	20,899	16,443	48
691 Structures and parts of structures n.e.s. of iron, steel or aluminium	2,534	3,473	-	1,615	2,099	-	3,111	1,804	1
692 Metal containers for storage and transport	797	464	30	2,323	345	96	2,150	512	21
693 Wire products (excl. insulated electrical wiring) & fencing grills	118	965	54	389	932	30	503	812	23
694 Nails,screws,nut,bolts, rivets, and the like,or iron, steel or copper	656	1,655	1	976	938	-	1,424	1,094	-
695 Tools for use in the hand or in machines	1,973	4,960	1	5,087	3,305	2	5,523	4,686	-
696 Cutlery	1	146	23	20	521	7	131	616	-
697 Household equipment of base metals n.e.s.	37	2,846	-	57	2,685	..	107	2,049	1
699 Manufactures of base metals n.e.s.	2,829	3,957	2	9,680	4,216	29	7,950	4,871	2
SECTION 7-MACHINERY AND TRANSPORT EQUIPMENT	182,075	52,546	39	408,395	67,668	2,686	627,858	81,847	1,758
Division 71-Power generating machinery and equipment	17,136	7,518	-	37,761	6,951	212	35,562	8,181	129
711 Steam and other vapour generat- ing boilers,superheated water boilers and auxiliary plant for use therewith:and parts thereof n.e.s.	1,818	830	-	4,740	1,124	-	4,389	1,182	-
712 Steam and other vapour power units,not incorporating boilers steam engines (incl. mobile engines, but not steam tractors falling within heading 722 or mechanically propelled road rol- lers)with selfcontained boilers and parts thereof n.e.s.	2,315	238	-	2,071	6	1	2,413	6	-
713 Internal combustion piston engines and parts thereof n.e.s.	6,037	5,754	-	7,912	5,313	16	8,241	5,280	1
714 Engines and motors, non- electric (other than those of groups 712,713 & 718), parts n.e.s. of the engines and motors of group 714 and item 718,88	1,038	9	-	7,473	28	16	6,921	94	-
716 Rotating electric plant and parts thereof n.e.s.	5,048	670	-	14,389	444	180	11,598	1,585	54
718 Other power generating machinery and parts thereof n.e.s.	881	17	-	1,176	34	-	2,000	34	73

## TRADE

## FOREIGN TRADE

Table 74-INDIA'S FOREIGN TRADE BY GROUPS, DIVISIONS AND SECTIONS-contd.  
(By Sea, Air and Land)

(Rs.lakhs)

GROUPS, DIVISIONS AND SECTIONS	1980-81			1985-86			1986-87		
	Imports	Exports	Re- exports	Imports	Exports	Re- exports	Imports	Exports	Re- exports
1	2	3	4	5	6	7	8	9	10
Division 72-Machinery specialized for particular industries	37,292	6,020	11	124,018	11,425	296	234,807	14,384	33
721 Agriculture machinery (excl. tractors)and parts thereof n.e.s.	300	425	-	481	1,603	-	748	1,071	-
722 Tractors (other than those falling within headings 744.11 and 783-2) with power takeoffs, winches or pulleys	184	33	-	19	204	-	73	77	-
723 Civil engineering and contractors plant and equipment and parts thereof n.e.s.	5,511	290	5	17,725	1,590	185	27,669	491	11
724 Textile and leather machinery, and parts thereof n.e.s.,	7,003	2,087	5	19,710	3,582	3	27,945	5,483	6
725 Paper mill and pulp mill machinery,paper cutting machines and other machinery for the manufacture of paper articles; and parts thereof, n.e.s.	2,194	494	-	1,019	50	3	1,537	183	-
726 Printing and book binding machinery and parts thereof n.e.s.	2,437	200	-	5,042	713	67	7,749	997	-
727 Food processing machines (excl. domestic) and parts thereof n.e.s.	374	1,040	-	557	1,094	-	812	1,739	-
728 Other machinery and equipment specialised for particular industries, and parts thereof n.e.s.	19,289	1,450	2	79,464	2,589	38	167,784	4,343	16
Division 73-Metal working machinery	14,139	2,658	-	18,999	6,417	214	24,739	6,970	38
736 Machine-tools for working metal or metal carbides, and parts and accessories thereof n.e.s.	10,632	2,399	-	15,430	5,763	210	20,641	6,573	17
737 Metal working machinery (other than machine tools)and parts thereof n.e.s.	3,507	259	-	3,569	654	4	4,098	397	21

## TRADE

## FOREIGN TRADE

Table 74-INDIA'S FOREIGN TRADE BY GROUPS, DIVISIONS AND SECTIONS-contd.  
(By Sea, Air and Land)

(Rs. lakhs)

GROUPS, DIVISIONS AND SECTIONS	1980-81			1985-86			1986-87		
	Imports	Exports	Re- exports	Imports	Exports	Re- exports	Imports	Exports	Re- exports
1	2	3	4	5	6	7	8	9	10
Division 74-General industrial machinery and equipments, n.e.s. and machine parts n.e.s.	40,342	5,812	4	92,885	7,203	73	121,405	7,793	154
741 Heating and cooling equipment and parts thereof, n.e.s.	4,003	1,200	3	13,982	1,152	-	15,028	1,062	124
742 Pumps (incl. motor and turbo pumps) for liquids, whether or not fitted with measuring devices: liquid elevators of bucket, chain, screw, band and similar kinds, parts, n.e.s., of such pumps and liquid elevators	3,559	1,834	-	6,701	1,644	15	10,680	2,055	1
743 Pumps (other than pumps for liquids) and compressors; fans and blowers; centrifuges; filtering and purifying apparatus; and parts thereof, n.e.s.	4,529	555	-	10,670	1,836	27	18,570	2,307	22
744 Mechanical handling equipment and parts thereof, n.e.s.	2,389	574	-	6,837	1,121	19	9,318	802	1
745 Other non-electrical machinery, tools and mechanical apparatus, and parts thereof, n.e.s.	810	538	-	2,912	408	-	4,898	204	-
749 Non-electric parts and accessories of machinery n.e.s.	25,051	1,111	1	51,783	1,043	12	62,910	1,364	5
Division 75- Office machines and automatic data processing equipments	2,619	175	5	11,235	2,094	1,501	21,887	6,307	292
751 Office machines	466	105	5	1,434	114	1,135	1,762	1,568	197
752 Automatic data processing machines and units thereof magnetic or optical readers machines for transcribing data into data media in coded form and machines for processing such data n.e.s.	483	21	-	2,061	121	-	4,139	294	-
759 Parts n.e.s. of and accessories (other than covers, carrying cases and the like) suitable for use solely or principally with machines of a kind falling within heading 751 or 752	1,670	48	-	7,740	1,859	366	15,986	4,445	94

## TRADE

## FOREIGN TRADE

Table 74-INDIA'S FOREIGN TRADE BY GROUPS, DIVISIONS AND SECTIONS-contd.  
(By Sea, Air and Land)

(Rs. lakhs)

GROUPS, DIVISIONS AND SECTIONS	1980-81			1985-86			1986-87		
	Imports	Exports	Re- exports	Imports	Exports	Re- exports	Imports	Exports	Re- exports
1	2	3	4	5	6	7	8	9	10
Division 76- Telecommunication and sound recording and reproducing apparatus and equipment	3,978	795	10	16,558	479	55	24,938	1,245	30
761 Television receivers (including receivers incorporating radio-broadcast receivers or sound recorders or reproducers)	-	3	-	48	1	-	67	57	2
762 Radio-broadcast receivers (including receivers incorporating sound recorders or reproducers)	4	67	-	7	81	-	8	103	-
763 Gramophone (Phonographs) dictating machines and other sound recorders and reproducers (including record players and tape decks, with or without sound heads), television image and sound recorders and reproducers, magnetic)	167	45	-	230	4	-	246	335	13
764 Telecommunications equipment, n.e.s.; and parts, n.e.s., and of accessories for the apparatus and equipment falling within division 76	3,805	680	10	16,272	393	55	24,617	751	15
Division 77-Electrical machinery, apparatus and appliances, n.e.s., and electrical parts thereof (including non-electrical counterparts, n.e.s. of electrical house-hold type equipment)	19,375	9,969	4	50,071	14,605	121	84,665	17,663	238
771 Electric power machinery (other than the rotating electric plant of heading 716) and parts thereof n.e.s.	1,359	506	-	3923	459	-	9051	778	2
772 Electrical apparatus for making and breaking electrical circuits for the protection of electrical circuits, or for making connections to or in for making connections to or in electrical circuits (e.g. switches, relays fuses, light arresters surge suppression plug, lampholders, and junction boxes); resistors fixed or variable (including potentiometers) other than heading resistors; printed circuits switchboards (other than telephone switch boards) and control pannel n.e.s., parts n.e.s., of the foregoing apparatus)	4,450	1,572	-	10437	1556	2	15279	2113	1



## TRADE

## FOREIGN TRADE

Table 74-INDIA'S FOREIGN TRADE BY GROUPS, DIVISIONS AND SECTIONS-contd.  
(By Sea, Air and Land)

(Rs.lakhs)

GROUPS, DIVISIONS AND SECTIONS	1980-81			1985-86			1986-87		
	Imports	Exports	Re- exports	Imports	Exports	Re- exports	Imports	Exports	Re- exports
1	2	3	4	5	6	7	8	9	10
773 Equipment for distributing electricity	1,995	2,140	-	2,759	2,799	-	6898	3497	5
774 Electric apparatus for medical purpose and radiological apparatus	817	53	-	2,113	579	-	3481	1861	8
775 Household type electrical and non-electrical equipment n.e.s.	497	1,895	-	958	1503	-	1484	744	1
776 Thermionic cold cathode and photo-cathodes valves & tybes (including vapour or gas filled valves and tubes; cathode-ray tubes television camera tubes and mercury arc rectifying valves and tubes); photocells; mounted piezoelectric crystals; diodes transistors and similar semiconductor devices; electronic microcircuits and parts thereof, n.e.s.	2,745	310	-	16585	997	41	27458	1976	64
778 Electrical machinery and apparatus, n.e.s.	7,512	3,493	4	13297	6801	79	21012	6694	157
Division 78- Road Vehicles (including air-cushion vehicles)	8,858	16,904	1	38,803	15,150	117	40,953	16,216	179
781 Passenger motor cars (other than public service type vehicles), including vehicles designed for the transport of both passengers and goods	356	583	-	437	1273	3	829	478	4
782 Motor vehicles for the transport of goods or materials and special purpose motor vehicles	661	892	-	605	828	-	977	1101	-
783 Road motor vehicles, n.e.s.	485	2029	-	77	2038	-	175	1168	-
784 Parts and accessories, n.e.s., of the motor vehicles falling within heading 722, 781, 782 or 783	7219	6544	1	31162	5902	20	26448	6764	12
785 Motor cycles, motor scooters and other cycles, motorized and non-motorized: invalid carriages	31	6799	-	6441	4375	-	12247	5884	5
786 Trailers and other vehicles, not motorized n.e.s. and specially designed and equipped transport containers	107	56	-	80	734	93	276	821	158

## TRADE

## FOREIGN TRADE

Table 74-INDIA'S FOREIGN TRADE BY GROUPS, DIVISIONS AND SECTIONS-contd.  
(By Sea, Air and Land)

(Rs.lakhs)

GROUPS, DIVISIONS AND SECTIONS	1980-81			1985-86			1986-87		
	Imports	Exports	Re- exports	Imports	Exports	Re- exports	Imports	Exports	Re- exports
1	2	3	4	5	6	7	8	9	10
Division 79- Other transport equipment	38,337	2,696	3	18,066	3,345	97	39,403	3,088	665
791 Railway vehicles (including hover-trains) and associated equipment	4,647	2,390	-	3,403	1,151	-	4,169	1,747	1
792 Aircraft and associated equipment and parts thereof n.e.s.	29,746	173	3	9,263	2,066	66	16,500	1,278	19
793 Ships, boats (including hovercraft) and floating structures	3,943	134	-	5,400	127	33	18,735	62	646
SECTION 8- MISCELLANEOUS MANUFACTURED ARTICLES	21,150	86,854	204	50,058	156,264	307	67,249	195,128	412
Division 81- Sanitary, plumbing, heating and lighting fixtures and fittings, n.e.s.	24	458	-	40	483	1	66	247	-
812 Sanitary, plumbing, heating and lighting fixtures and fittings, n.e.s.	24	458	-	40	483	1	66	247	-
Division 82- Furniture and parts thereof	65	487	-	78	443	-	132	284	-
821 Furniture and parts thereof	65	487	-	78	443	-	132	284	-
Division 83- Travel goods handbags and similar containers	1	1,826	-	-	4,858	-	..	7,074	-
831 Travel goods (e.g. trunks, suitcases, hat-boxes, travelling bags, rucksacks) shopping bags, handbags satchets, briefcase, wallets purses, toilet-cases, tool-cases tobacco purchase sheaths, cases, boxes, e.g. for arms, musical instruments, binoculars, jewellery, bottles, collars, footwear, brushes, and similar containers of leather or of vulcanised fibre of artificial plastic sheeting of paper board or of textile fabric	1	1,826	-	-	4,858	-	..	7,074	-

## TRADE

## FOREIGN TRADE

Table 74-INDIA'S FOREIGN TRADE BY GROUPS, DIVISIONS AND SECTIONS-contd.  
(By Sea, Air and Land)

(Rs.lakhs)

GROUPS, DIVISIONS AND SECTIONS	1980-81			1985-86			1986-87		
	Imports	Exports	Re- exports	Imports	Exports	Re- exports	Imports	Exports	Re- exports
1	2	3	4	5	6	7	8	9	10
Division 84-Articles of apparel and clothing accessories	18	56,529	42	32	110,569	236	239	140,376	208
842 Outer garments men's and Boy's of textile fabrics (other than knitted or crocheted goods)	-	2,417	-	1	5,038	43	..	5,560	54
843 Outer garments, women's, girls' and infants of textiles fabrics (other than knitted or crocheted goods)	-	29,850	-	2	59,063	114	2	74,882	68
844 Under garments of textile fabrics (other than knitted or crocheted goods)	-	8,500	2	..	23,559	77	..	28,303	86
845 Outer garments and other articles knitted or crocheted not elastic not rubberized	4	6,779	-	..	12,112	-	..	13,697	-
846 Under garments knitted or crocheted	-	3,950	-	..	2,673	-	..	6,870	-
847 Clothing accessories of textile fabrics	5	3,535	-	2	3,024	2	8	3,767	-
848 Articles of apparel and clothing accessories of other than textile fabrics, headgear of all materials	9	1,499	40	26	4,101	-	228	7,298	-
Division 85-Footwear	16	4,007	-	204	4,975	-	744	8,117	-
851 Footwear	16	4,007	-	204	4,975	-	744	8,117	-
Division 87-Professional, scientific and controlling instruments and apparatus, n.e.s	11,460	1,125	55	26,089	1,712	54	33,674	1,903	136
871 Optical instruments and apparatus	437	10	-	765	14	-	740	14	-
872 Medical instruments and appliances, n.e.s.	1,272	205	5	5,857	798	-	5,803	594	-
873 Meters and counters, n.e.s	180	2	-	325	4	-	774	4	-
874 Measuring, checking, analysing and controlling instruments and apparatus, n.e.s., parts and accessories, n.e.s. of the instruments and apparatus of groups 873 and 874	9,571	908	50	19,141	897	54	26,157	1,290	136

## TRADE

## FOREIGN TRADE

Table 74-INDIA'S FOREIGN TRADE BY GROUPS, DIVISIONS AND SECTIONS-contd.  
(By Sea, Air and Land)

(Rs.lakhs)

GROUPS, DIVISIONS AND SECTIONS	1980-81			1985-86			1986-87		
	Imports	Exports	Re- exports	Imports	Exports	Re- exports	Imports	Exports	Re- exports
1	2	3	4	5	6	7	8	9	10
Division 88-Photographic apparatus, equipment and supplies and optical goods, n.e.s. watches and clocks	6,145	3,555	-	11,802	2,550	10	17,558	2,693	64
881 Photographic apparatus and equipment, n.e.s.	745	921	-	1,311	57	-	2,645	77	-
882 Photographic and cinema- tographic supplies	2,770	62	-	6,668	79	..	8,816	367	46
883 Cinematograph film, expos- ed and developed whether or not incorporating sou- nd track or consisting only of sound track negative or positive	117	1,448	-	256	679	..	140	687	17
884 Optical goods, n.e.s.	319	1,024	-	865	1,668	-	1,454	1,496	-
885 Watches and clocks	2,194	99	-	2,702	66	10	4,502	66	-
Division 89-Miscellaneous manufactured articles, n.e.s.	3,421	18,868	107	11,812	30,673	6	14,838	34,433	5
892 Printed matter	1,702	742	2	6,260	1,906	..	7,067	2,061	-
893 Articles, n.e.s. of mate- rials of the kinds des- cribed in division 58	521	1,056	104	1,505	889	4	1,865	904	3
894 Baby carriages, toys, ga- mes and sporting goods	83	2,326	-	229	2,411	-	341	2,595	-
895 Office and stationery supplies, n.e.s.	68	206	-	224	338	-	435	337	-
896 Works of art, collectors' pieces and antiques	1	11,899	-	9	14,709	-	13	18,764	-
897 Jewellery, goldsmiths and silversmiths wares and other articles of precious or semi-prec- ious materials n.e.s.	21	1,645	-	92	9,103	-	22	7,947	-
898 Musical instruments and parts and accessories thereof (including phono- graph records and the like)	378	401	-	1,993	495	2	2,627	1,222	2
899 Other miscellaneous manufactured articles, n.e.s.	646	594	-	1,502	822	-	2,468	604	1

## TRADE

## FOREIGN TRADE

Table 74-INDIA'S FOREIGN TRADE BY GROUPS, DIVISIONS AND SECTIONS-concl'd.  
(By Sea, Air and Land)

(Rs.lakhs)

GROUPS, DIVISIONS AND SECTIONS	1980-81			1985-86			1986-87		
	Imports	Exports	Re- exports	Imports	Exports	Re- exports	Imports	Exports	Re- exports
1	2	3	4	5	6	7	8	9	10
SECTION 9-COMMODITIES AND TRANSACTIONS n.e.s.	210	1,579	709	5,198	1,135	656	8,761	3,199	682
Division 91-Postal packages not classified according to kind	1	1,025	-	..	584	-	2	1600	-
911 Postal-packages not cla- ssified according to kind	1	1,025	-	..	584	-	2	1600	-
Division 93-Special transactions and commodities not classified according to kind	191	523	709	674	528	656	2,769	1,571	682
931 Special transactions and commodities not classified according to kind	191	523	709	674	528	656	2,769	1,571	682
Division 94-Animals, live, n.e.s. (including Zoo animals, dogs, cats, insects, etc.)	18	18	-	73	22	-	67	28	-
941 Animals, live, n.e.s., (including Zoo animals, dogs, cats, insects etc.)	18	18	-	73	22	-	67	28	-
Division 95-Armoured fighting vehicles, arms of war and ammunition there for, and parts of arms n.e.s	-	13	-	..	-	-	..	-	-
951 Armoured fighting vehicles, arms of war and ammunition thereof and parts of arms n.e.s.	-	13	-	..	-	-	..	-	-
Division 96-Coin (other than gold coin) not being legal tender	-	-	-	4,438	-	-	5,922	-	-
961 Coin (other than gold coin) not being legal tender	-	-	-	4,438	-	-	5,922	-	-
Division 97-Gold, non-monetary (excluding gold ores and concentrates)	-	-	-	13	-	-	..	-	-
971 Gold, non-monetary (excluding gold ores and concentrates)	-	-	-	13	-	-	..	-	-
Grand Total	1,254,915	669,338	1,732	1,965,769	1,084,708	4,750	2,009,576	1,241,658	3,537

\* Includes Rs. 2,754 lakhs not classified elsewhere.

## TRADE

## FOREIGN TRADE

Table 75-VALUE OF IMPORTS OF MERCHANDISE INTO INDIA BY PRINCIPAL COUNTRIES OF CONSIGNMENT (By Sea, Air and Land),

(Rs.lakhs)

Country	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8
Argentina (including the Atlantic Coast of Patagonia)	408	1,023	1,802	6,878	8,333	3,895	4,322
Australia	3,658	10,148	7,008	15,402	20,055	44,214	40,617
Austria	246	793	3,134	3,857	3,027	4,410	6,093
Bahrein Islands	38	1,450	4,175	10,187	32,968	13,917	9,536
Bangladesh (1)	..	456	1,173	934	4,551	1,586	1,645
Belgium	1,151	8,526	29,586	64,859	79,389	95,059	109,578
Brazil	357	709	23,547	29,445	32,192	37,376	27,900
Burma	964	530	748	4,313	5,321	3,819	3,341
Canada	11,723	22,775	33,234	33,262	49,932	45,111	37,239
Chile (including the Pacific coast of Patagonia)	9	47	105	60	283	2,080	1,641
China People's Republic of (excluding Hong Kong and Macao)	..	137	8,199	8,184	7,256	14,196	17,980
China, Republic of	26	-	4,429	9,382	7,287	14,487	15,781
Congo, People's Republic of	136	71	89	343	274	230	420
Cuba	-	-	143	292	1,183	2,343	765
Czechoslovakia	2,020	5,221	3,901	5,479	5,075	7,478	5,939
Denmark	347	977	2,050	2,634	3,421	6,320	8,861
Egypt (UAR)	3,984	1,822	2,960	1,326	992	11,631	30,012
Ethiopia (including Eritrea)	-	-	13	24	78	92	58
Finland	235	90	3,066	5,398	4,911	9,075	7,418
France (including Corsica and Monaco)	2,133	18,522	28,030	28,933	35,763	58,259	68,542
Germany Democratic Republic	1,863	3,536	4,427	6,100	7,063	8,528	8,417
Germany, Federal Republic of	10,747	55,663	69,377	112,286	128,914	154,367	191,819
Hong Kong	832	172	3,912	5,499	5,723	6,948	9,988
Hungary	1,495	2,394	3,137	4,031	3,099	4,473	4,535
Indonesia	25	344	1,614	2,359	5,405	5,719	9,610
Iran	9,167	45,929	133,890	74,643	48,483	88,513	14,004
Iraq	309	24,761	75,252	79,259	67,458	54,704	12,646
Ireland	4	1,913	542	493	952	2,145	934
Israel	17	122	1,024	1,774	1,891	2,751	4,113
Italy	2,886	7,895	24,248	28,299	29,675	31,898	46,131

Source: Directorate General of Commercial Intelligence and Statistics

(1) East Pakistan became an independent country as Bangladesh from December, 1971.

## TRADE

## FOREIGN TRADE

Table-75-VALUE OF IMPORTS OF MERCHANDISE INTO INDIA BY PRINCIPAL COUNTRIES OF CONSIGNMENT-contd.  
(By Sea, Air and Land)

(Rs.lakhs)

Country	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8
Japan	8,343	35,481	74,878	144,691	124,002	177,399	259,150
Jamaica	-	1	-	2	2	-	1
Jordan	82	618	3,280	4,474	11,396	16,024	14,066
Kampuchea Democratic Republic (Khamer)	-	-	-	-	-	-	-
Kenya	969	865	1,242	1,211	713	918	1,189
Kuwait	562	6,263	33,762	26,158	37,004	33,976	29,028
Laos	-	-	-	-	-	-	-
Luxembourg	13	-	81	400	817	479	491
Madagascar (Malagasy Republic)	18	10	398	3	98	262	881
Malaysia	575	1,430	26,607	35,974	53,966	40,765	55,363
Malwi	6	-	-	-	-	-	21
Mauritius & Dependencies	6	3	5	14	11	9	2
Mexico	77	1,198	4,077	1,104	1,323	2,167	2,971
Muscat & Oman	15	491	168	62	16,688	36,991	16,416
Nepal	944	3,154	2,361	3,647	6,239	4,760	5,998
Netherlands	1,009	5,921	21,450	27,871	36,469	29,610	38,935
New Zealand	157	60	1,280	2,454	3,012	4,103	4,362
Nigeria	-	185	752	52	77	32	98
Norway	206	783	4,992	2,578	5,251	5,364	5,260
Other East African Countries (Mozambique)	1,194	1,092	85	110	63	1,111	506
Pakistan	..	2,212	7,539	2,805	1,577	2,659	2,657
Peru	235	130	1	119	136	839	444
Philippines	98	446	1,092	501	1,307	1,034	416
Poland	2,803	7,269	3,441	5,626	5,343	8,855	10,916
Portugal (including Azores Madeira)	..	25	712	616	478	2,506	2,229
Qatar	4	370	4,323	3,023	7,258	6,936	3,273
Romania	1,658	3,420	9,720	9,058	11,720	14,374	10,109
Saudi Arabia	2,417	29,011	54,005	106,903	126,290	79,424	86,233
Seychelles	72	-	..	-	-	239	-
Singapore	117	1,162	42,788	39,284	52,541	34,216	35,142
Somalia	..	-	16	1	1	-	6
South Africa	7	..	..	-	-	-	-
South Yemen, People's Republic of (formerly Aden including Protectorate)	128	4	8,848	773	913	1	-
Spain	140	470	8,300	14,307	11,283	17,042	20,895
Sri Lanka (excluding Maldives)	295	29	2,955	3,141	945	808	1,020

## TRADE

## FOREIGN TRADE

Table-75-VALUE OF IMPORTS OF MERCHANDISE INTO INDIA BY PRINCIPAL  
COUNTRIES OF CONSIGNMENT-concl'd.  
(By Sea, Air and Land)

(Rs.lakhs)

Country	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87
	2	3	4	5	6	7	8
Sudan	2,094	364	153	304	338	219	204
Sweden	980	6,762	8,496	11,571	12,523	13,828	35,374
Switzerland	1,157	5,464	12,063	16,223	16,079	16,002	34,623
Syria	-	-	-	1	461	-	-
Tanzania (1) (Tanganyika Territory)	1,764	2,403	2,734	3,450	3,954	2,245	4,606
Thailand	948	1,913	5,241	9,394	8,525	8,862	6,320
Trinidad and Tobago	-	-	988	-	476	2,152	-
Turkey	70	50	755	2,861	3,363	3,481	16,700
United Kingdom	12,676	26,827	73,099	115,271	93,347	125,062	166,094
United States of America	45,295	126,992	151,861	184,187	170,059	206,368	188,608
U.S.S.R.	10,613	29,576	101,371	164,563	178,810	167,751	100,579
Uruguay	8	..	5	21	-	164	42
Yugoslavia	765	1,017	4,491	3,952	5,889	7,418	10,157
Zanzibar and Pemba	..	..	..	-	-	-	-
Zambia	2,726	1,135	6,802	11,604	6,150	11,574	7,059
Zimbabwe(2)	-	-	-	249	674	1,456	1,183
Total Imports	163,420	515,782	1,254,915	1,583,146	1,713,420	1,965,769	2,009,576

(1) Merged with Tanganyika Territory and renamed as "Tanzania".

(2) Rhodesia (or Rhodesia-south) has been renamed as Zimbabwe from April 1980.



## TRADE

## FOREIGN TRADE

Table 76-VALUE OF EXPORTS OF MERCHANDISE (INDIAN PRODUCE AND MANUFACTURES)  
FROM INDIA, BY PRINCIPAL COUNTRIES OF DESTINATION  
(By Sea, Air and Land)

(Rs. '000)

Country	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8
Argentina (including the Atlantic-Coast of Patagonia)	33,401	39,795	52,828	15,176	10,373	7,125	30,964
Australia	343,982	476,549	916,091	979,584	1,376,556	1,229,820	1,460,815
Austria	6,020	21,970	85,583	123,961	150,254	170,359	255,620
Bahrein Islands	44,596	166,652	166,158	259,911	359,164	359,611	280,783
Barbados	1,377	1,796	448	1,228	693	675	1,746
Bangladesh(1)	-	651,174	748,262	610,481	1,067,473	1,287,528	1,640,147
Belgium	203,187	390,667	1,444,549	2,141,294	1,930,607	2,238,515	3,422,709
Brazil	8,309	23,355	15,850	8,232	16,800	32,281	52,801
Burma	140,051	89,098	33,108	24,350	29,244	8,422	8,276
Canada	279,515	423,648	622,072	895,181	1,308,811	1,317,024	1,366,087
Chile	2,074	6,963	16,115	8,698	19,832	9,420	19,468
China, People Republic of (excluding Hong Kong & Macao)	-	-	374,484	79,353	63,269	292,024	92,018
Congo (People's Republic of Congo)	3,349	5,285	667	2,899	1,776	94	2,129
Cuba	1,584	-	56,160	17,538	63,535	21,266	24,318
Czechoslovakia	294,399	342,842	553,035	585,371	702,992	700,826	736,108
Denmark	41,102	113,186	263,840	377,878	445,005	373,197	408,420
Egypt (U.A.R.)	552,865	1,002,905	858,132	1,348,981	1,175,244	1,096,433	809,754
Ethiopia (including Eritrea)	26,185	49,746	83,522	66,721	71,366	167,107	57,349
Formosa (China Rep)	19,573	58,609	297,620	313,384	182,407	334,334	805,001
France (including Corsica & Monaco)	179,420	835,322	1,466,447	1,577,008	1,908,736	2,026,149	2,708,003
German Democratic Republic	244,835	242,947	488,884	701,706	799,275	953,867	876,798
Germany, Federal Republic of	321,553	1,173,153	3,830,964	4,047,484	4,365,746	5,094,135	7,301,774
Ghana	10,359	17,172	76,267	68,601	204,465	157,154	43,891
Greece (including Crete and Dodecanese)	19,105	69,581	77,793	92,442	64,689	99,369	118,343
Hong Kong	171,377	404,795	1,413,808	1,862,994	1,764,622	2,103,661	4,094,824
Hungary	137,779	143,154	158,137	191,607	212,615	236,151	411,832
Indonesia	40,976	520,205	516,003	337,397	332,838	143,827	230,083
Iran	266,376	2,707,705	1,231,834	1,259,918	1,340,203	948,585	472,589

Source: Directorate General of Commercial Intelligence and Statistics

(1) East Pakistan became an independent country as Bangladesh from December, 1971.

## TRADE

## FOREIGN TRADE

Table 76-VALUE OF EXPORTS OF MERCHANDISE (INDIAN PRODUCE AND MANUFACTURES)  
FROM INDIA, BY PRINCIPAL COUNTRIES OF DESTINATION-contd.  
(By Sea, Air and Land)

(Rs. '000)

Country	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8
Iraq	90,392	645,350	514,511	520,684	487,140	339,872	183,507
Ireland	64,319	93,447	135,462	91,584	144,531	117,874	148,804
Israel	6,728	27,141	86,812	199,398	118,309	171,321	298,550
Italy	138,564	785,298	1,515,499	1,629,717	2,121,435	2,056,902	3,097,741
Jamaica & Dependencies	3,028	3,717	1,566	1,077	535	2,721	4,162
Japan	2,021,454	4,263,316	5,968,855	8,283,058	10,245,676	11,639,255	13,343,994
Jordan	23,590	106,905	65,669	65,903	46,065	78,838	135,326
Kampuchea Democratic Republic (Khamer)	262	155	6,150	-	-	755	2,041
Kenya	78,543	155,449	333,008	115,384	279,032	293,503	318,695
Kuwait	156,643	453,554	966,509	1,100,592	1,068,738	1,211,266	925,115
Laos	191	2	1,299	137	4	1,000	550
Madagascar	495	908	399	3,494	336	1,626	263
Malaysia	117,320	323,206	512,486	618,535	7,657	709,650	847,483
Malwi	8,512	22,475	19,957	7,725	8,217	14,273	4,681
Mauritius & Dependencies	14,026	67,767	117,032	99,276	135,287	142,992	206,722
Mexico	9,814	12,476	46,611	17,443	35,549	41,339	32,022
Nepal	-	503,506	779,796	752,296	1,064,601	1,017,014	1,028,350
Netherlands	138,748	750,041	1,506,203	3,026,838	1,934,060	1,572,085	2,257,715
New Zealand	59,698	128,723	185,705	167,659	222,579	164,674	210,596
Nigeria	86,195	370,158	530,073	405,776	353,758	195,306	338,063
Norway	8,845	50,146	91,971	96,582	113,617	131,469	174,919
Oman	22,424	188,248	336,708	438,107	580,875	634,267	462,700
Other East African Countries (Mozambique)	6,628	20,403	46,974	73,665	96,472	21,520	40,689
Pakistan	228	7,810	10,177	123,328	129,466	146,325	154,619
Peru	4,780	12,032	11,322	4,909	5,792	2,696	11,193
Philippines	13,581	115,413	59,404	66,301	70,319	49,217	70,554
Poland	221,158	847,269	689,652	776,498	945,571	621,066	1,216,703
Portugal (including Azores & Maderia)	-	62,510	91,366	120,339	121,778	123,999	186,724
Puerto Rico	1,463	1,683	1,057	261	590	2,187	1,664
Qatar	56,960	95,311	172,962	176,986	213,467	217,043	178,878

## TRADE

## FOREIGN TRADE

Table 76-VALUE OF EXPORTS OF MERCHANDISE (INDIAN PRODUCE AND MANUFACTURES)  
FROM INDIA, BY PRINCIPAL COUNTRIES OF DESTINATION-concl'd.  
(By Sea, Air and Land)

(Rs. '000)

Country	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8
Saudi Arabia	145,104	597,865	1,648,763	2,135,163	2,717,777	2,212,348	2,135,062
Seychelles	1,982	2,455	12,617	21,171	17,096	12,106	12,987
Singapore	174,979	510,429	1,085,691	1,270,800	1,398,551	1,346,695	2,052,757
Somali	8,211	44,135	75,338	29,303	46,848	31,669	57,246
South Africa (1)	195	-	-	-	-	-	-
South Yemen People's Republic (formerly Aden including protectorate)	54,370	74,139	58,430	114,374	138,959	138,047	82,981
Spain	26,822	93,786	157,213	357,732	316,363	275,817	652,126
Sri Lanka excluding Maldives	318,112	210,012	805,322	1,016,049	1,261,087	805,267	865,095
Sudan	382,690	365,056	386,256	354,583	218,174	173,687	84,091
Sweden	59,325	131,323	282,785	295,096	396,887	387,857	553,707
Switzerland	72,265	516,154	1,105,254	1,226,485	1,080,586	1,073,361	1,592,776
Syria	19,778	19,730	109,150	34,855	45,734	41,278	33,675
Tanzania	43,940	165,632	232,268	176,278	135,961	115,431	199,844
Thailand	56,964	157,788	445,521	453,223	278,636	262,099	634,564
Trinidad and Tobago	5,194	26,927	17,541	21,611	22,170	19,680	14,237
Turkey	2,900	45,735	33,600	32,523	25,397	94,585	287,416
United Kingdom	1,699,976	4,020,180	3,936,275	4,895,783	6,104,860	5,214,654	6,973,029
United States of America	2,067,800	5,053,899	7,393,999	14,627,687	17,608,316	19,686,584	23,256,102
U.S.S.R.	2,098,483	4,127,789	12,257,175	12,199,849	18,670,619	19,860,414	18,594,960
Uruguay	6,030	5,157	32,154	6,762	1,855	4,918	6,244
Vietnam (2)	26,801	11,058	339,357	72,386	178,318	137,125	149,249
West Africa (French) (3)	..	124,796	..	-	-	-	-
Zaire (Republic)	1,497	26,993	3,926	6,725	14,946	6,099	10,232
Zambia	29,600	54,697	278,141	129,798	97,813	73,833	43,054
Zimbabwe	-	-	2,039	12,301	10,843	31,785	36,978
Total Exports	15,243,876	39,312,791	66,933,805	97,380,133	117,047,851	108,470,832	124,165,792

(1) Trades limited to certain commodities as permitted by the Government of India.

(2) Includes Democratic Republic and Republic of Vietnam.

(3) Split up into Dahomey Republic Cameroons, Ivory Coast, Senegal, Gambia and Mali.

## TRADE

## FOREIGN TRADE

Table 77-VALUE OF RE-EXPORTS OF MERCHANDISE FROM INDIA BY PRINCIPAL COUNTRIES OF DESTINATION  
(By Sea, Air and Land)

(Rs. '000)

Country	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87
	2	3	4	5	6	7	8
Argentina (including the Atlantic Coast of Patagonia)	-	-	-	-	60	-	-
Australia	587	147	179	598	3,277	1,435	183
Behrein-Islands	-	2,317	27	119	401	877	872
Belgium	101	462	281	1,798	1,496	8,596	2,683
Burma	216	-	-	-	-	-	-
Canada	47	699	1,367	30,622	2,097	3,689	1,644
China, Peoples Republic of (including Manchuria but excluding Hong Kong & Macao)	-	-	4,763	-	-	-	-
Czechoslovakia	215	1,074	..	824	6,782	-	48
Denmark	165	89	29	262	361	-	1,025
Egypt (U.A.R.)	10,835	43	1,269	342	-	183	-
Ethiopia (including Eritrea)	-	66	10	-	-	-	19
France	428	4,810	2,990	25,807	5,759	1,000	4,117
German Democratic Republic	788	19	3	-	1,665	-	38
Germany, Federal Republic of	1,523	4,999	16,535	24,845	13,064	35,500	29,758
Ghana	4	973	990	-	1,111	-	-
Hong Kong	349	428	663	452	603	538	1,883
Indonesia	-	-	-	-	125	4,710	205
Iran	132	582	481	945	284	-	-
Iraq	5,878	634	5,266	348	385	3	-
Italy	1,511	1,937	305	7,905	8,004	3,996	7,354
Japan	13,390	5,490	9,222	9,907	48,023	4,613	2,596
Kampuchea Democratic Republic (Khamer)	-	-	-	-	-	-	-
Kenya	154	125	133	1,102	2,696	-	1,186
Kuwait	732	2,358	4,190	1,612	2,850	2,476	2,113
Malaysia	69	281	128	501	106	337	693
Malwi	59	219	265	21	-	-	-
Mauritius & Dependencies	-	128	51	54	163	349	94
Muscat & Oman	-	177	86	137	691	802	-
Netherland	1,025	1,722	14,192	4,401	11,967	11,840	1,348
New Zealand	-	-	-	-	-	178	67
Norway	-	141	-	17	-	34	192

Source: Directorate General of Commercial Intelligence and Statistics

## TRADE

## FOREIGN TRADE

Table 77-VALUE OF RE-EXPORTS OF MERCHANDISE FROM INDIA BY PRINCIPAL  
COUNTRIES OF DESTINATION-contd.  
(By Sea, Air and Land)

(Rs. '000)

Country	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8
Other East African Countries (Mozambique)	-	-	-	-	-	-	-
Pakistan							
Philippines	37	164	83	-	1,659	127	-
Qatar	54,756	7,536	432	-	10	-	25
Saudi Arabia	18	-	4,535	-	-	503	584
Seychelles	2	-	..	342	304	843	-
Singapore	1,335	896	1,123	-	-	-	106,397
South Yeman, People's Republic of (formerly Aden including Protectorate)	5	-	349	24	42	50	-
Spain	1	4	-	1,072	-	19	586
Sri Lanka (excluding Maldives)	109	121	1,191	1,705	7,179	919	3,497
Sudan	1	-	82	551	-	-	-
Sweden	405	825	735	1,766	592	937	823
Switzerland	1,310	105	991	1,628	2,339	1,229	1,031
Syria	-	-	-	68	-	-	-
Tanzania	34	769	237	478	-	-	-
Thailand	102	1,027	-	412	401	231	378
Turkey	-	-	-	25,555	-	-	-
United Kingdom	4,397	15,390	14,081	23,085	21,087	29,131	27,720
United States of America	5,592	23,478	39,288	12,922	50,000	51,425	52,975
U.S.S.R.	-	4	5,767	91,950	125,731	196,492	81,202
Zimbabwe	-	-	706	-	-	-	-
Total Re-exports	107,742	103,358	173,250	326,979	388,936	475,038	353,663

## TRADE

## FOREIGN TRADE

Table 78-SUMMARY OF THE VALUE OF MERCHANDISE TRADE BY REVISED ECONOMIC REGIONS (Rs.lakhs)

	1980-81				1984-85			
	Imports	Exports	Re-exports	Balance	Imports	Exports	Re-exports	Balance
1	2	3	4	5	6	7	8	9
1. East African Community	3,981	7,556	16	+3,591	4,668	4,715	27	+74
2. Organisation Commune Africaine El Malagache	2,352	6,330	5	+3,983	12,179	2,825	2	-9,352
3. Organisation of African unity	8,180	12,866	251	+4,937	9,819	11,584	15	+1,780
4. Other African Countries	12,025	16,477	14	+4,466	18,138	18,516	-	+378
5. North America	185,095	80,161	407	-104,527	219,991	189,171	521	-30,299
6. South America	34,976	1,872	-	-33,104	42,398	735	1	-41,662
7. Caribbean Common Market	2,924	948	-	-1,976	712	257	-	-455
8. Central American Common Market	..	13	-	+13	17	53	-	+36
9. Other Central American and Caribbean Countries	57	807	-	+750	2,927	1,133	-	-1,794
10. ESCAP Countries	345,804	159,202	197	-187,787	387,359	226,964	1,002	-139,393
11. Economic Commission for West Asia	218,837	58,806	175	-159,855	334,952	85,361	134	-249,457
12. Other Asian and Oceanian and Antarctic and Arctic Region Countries	9,424	8,263	23	+259	10,825	4,026	79	-6,720
13. European Common Market	254,880	141,783	484	-108,990	410,434	195,208	617	-214,611
14. European Free Trade Area	32,464	17,100	19	-15,345	42,268	19,336	31	-22,901
15. East European Countries	129,628	148,543	89	+19,004	215,229	222,729	1,460	+8,960
16. Other European Countries	14,289	5,056	51	-14,020	21,504	6,049	-	-15,455
Grand Total	1,254,915	666,584	1,732	-584,959	1,713,420	1,170,479	3,889	-539,052

Source : Directorate General of Commercial Intelligence and Statistics

\$ Exports of crude oil and petroleum products worth Rs.158,805 lakhs is included in total but not in region details

@ Exports of crude oil and petroleum products worth Rs.123,528 lakhs is included in total but not in region details.

Note: Economic region have been revised since 1980-81. For previous years' data please refer to earlier issues of Statistical Abstract.

## TRADE

## FOREIGN TRADE

Table 78-SUMMARY OF THE VALUE OF MERCHANDISE TRADE BY REVISED ECONOMIC REGIONS-contd.

(Rs.lakhs)

	1985-86				1986-87			
	Imports	Exports	Re- exports	Balance	Imports	Exports	Re- exports	Balance
1	14	15	16	17	18	19	20	21
1. East African Community	3,178	5,363	..	+2,185	5,807	8,783	13	+2,989
2. Organisation Commune Africaine El Malagache	11,172	2,864	4	-8,304	15,350	4,324	1	-11,025
3. Organisation of African unity	14,409	8,437	1	-5,971	11,176	7,519	-	-3,657
4. Other African Countries	38,939	18,229	4	-18,706	57,671	14,233	..	-43,438
5. North America	251,479	210,036	551	-40,892	225,847	246,222	546	+20,921
6. South America	47,385	875	..	-46,510	37,949	1,556	..	-36,393
7. Caribbean Common Market	2,201	264	..	-1,937	36	247	..	+211
8. Central American Common Market	5	35	..	+30	22	600	..	+578
9. Other Central American and Caribbean Countries	5,278	836	..	-4,442	4,859	910	..	-3,949
10. ESCAP Countries	468,850	234,775	898	-233,177	505,785	286,842	1,166	-217,777
11. Economic Commission for West Asia	305,579	81,477	269	-223,833	208,026	74,568	178	-133,280
12. Other Asian and Oceanian and Antarctic and Arctic Region Countries	19,358	5,906	13	-13,439	22,899	13,637	-	-9,262
13. European Common Market	503,824	187,934	925	-314,965	631,747	264,418	740	-366,589
14. European Free Trade Area	51,186	19,022	37	-32,127	90,999	28,813	44	-62,142
15. East European Countries	216,929	237,310	2,048	+22,429	143,514	230,845	842	+88,173
16. Other European Countries	27,997	6,272	..	-21,725	47,890	17,018	6	-30,866
Grand Total	1,965,769	1,084,708	4,750	-876,311	2,009,576	1,241,658	3,537	-764,381

@ Exports of crude oil and petroleum products worth Rs.181,819 lakhs is included in total but not included in region details.

Note: Exports of crude oil and petroleum products included in the grand total but not in respective region totals amount to Rs.123,528 lakhs for 1982-83, Rs.158,805 lakhs for 1983-84, Rs.181,819 lakhs for 1984-85 and Rs.64,472 lakhs for 1985-86.

## TRADE

## FOREIGN TRADE

Table 79—QUANTITY AND VALUE OF IMPORTS OF PRINCIPAL ARTICLES  
OF FOREIGN MERCHANDISE  
(By Sea, Air and Land)

Principal Articles		1970-71	1975-76	1980-81	1982-83	1983-84	1984-85	1985-86	1986-87
1		2	3	4	5	6	7	8	9
Milk and cream	'000 qntls	531	408	260	556	140	878	225	127
	Rs.lakhs	831	2,013	4,110	9,263	1,571	12,877	3,231	1,878
Wheat	'000 tonnes	2,923	7,094	284	1,652	3,038	554	176	135
	Rs.lakhs	17,337	120,722	7,659	35,174	64,338	12,958	6,103	4,405
Rice	'000 tonnes	361	198	18	19	409	576	44	7
	Rs.lakhs	2,982	3,852	369	387	10,035	9,033	1,373	170
Cashew nut raw	'000 tonnes	169	137	16	2	27	56	22	49
	Rs.lakhs	2,941	3,356	871	141	2,212	3,884	2,437	7,116
Copra	'000 tonnes	17	-	12	..	1	..	..	1
	Rs.lakhs	318	-	505	13	31	7	..	76
Wool raw	tonnes	23,922	16,139	22,340	15,595	22,446	22,327	32,509	29,934
	Rs.lakhs	1,607	2,590	5,079	4,701	6,282	7,120	9,750	8,152
Raw cotton other than linters	'000 tonnes	139	36	-	..	..	..	11	..
	Rs.lakhs	9,885	2,817	2	6	..	..	1,257	6
Jute raw (excluding jute bimlipatnam and mesta fibre but including cuttings)	'000 tonnes	1	21	14	5	6	10	20	9
	Rs.lakhs	14	304	202	177	183	388	615	256
Fertilizers crude	'000 tonnes	752	508	1,182	1,066	1,448	1,606	1,904	2,123
	Rs.lakhs	1,228	2,896	7,906	6,545	10,671	13,747	16,262	14,502
Sulphur	'000 tonnes	465	526	756	787	808	1,153	990	1,067
	Rs.lakhs	1,198	3,480	8,441	9,834	11,258	20,201	22,034	20,021
Petroleum and petroleum products & related materials	Rs.lakhs	13,589	122,569	526,347	562,190	483,199	540,905	498,939	281,059
Animals oils and fats	'000 tonnes	89	2	54	101	86	..	..	..
	Rs.lakhs	1,512	171	2,181	4,721	3,693	24	8	30
Fixed vegetable oils soft	'000 tonnes	83	12	910	1,091	1,379	1,176	558	1,483
	Rs.lakhs	2,241	100	68,290	39,674	73,405	95,044	74,914	63,432
Organic chemicals	Rs.lakhs	5,270	13,442	20,179	26,008	42,280	44,299	51,947	55,217
Synthetic organic dye stuffs and natural indigo including arti- ficial colour lakes	tonnes	956	529	1,368	510	978	1,652	741	873
	Rs.lakhs	416	393	804	546	730	796	664	764
Medicinal and pharmace- utical products	Rs.lakhs	2,428	3,617	8,458	8,883	14,693	13,714	17,715	21,377
Fertilizers manufactured	'000 tonnes	1,176	1,951	3,650	1,479	857	4,894	5,172	3,767
	Rs.lakhs	6,120	43,449	65,230	20,456	20,448	100,657	105,284	57,585
Artificial resin and plastic materials cellulose ester and ether etc.	Rs.lakhs	808	1,921	12,137	13,780	19,882	22,279	32,202	43,394

Source: Directorate General of Commercial Intelligence and Statistics



## TRADE

## FOREIGN TRADE

Table 79-QUANTITY AND VALUE OF IMPORTS OF PRINCIPAL ARTICLES  
OF FOREIGN MERCHANDISE-contd.  
(By Sea, Air and Land)

Principal Articles		1970-71	1975-76	1980-81	1982-83	1983-84	1984-85	1985-86	1987-88	
		1	2	3	4	5	6	7	8	9
Ingots blooms,slabs, billets	'000 tonnes	26	23	97	40	24	8	118	358	
	Rs.lakhs	383	1,020	3,855	4,861	1,109	468	3,550	10,906	
Bars,angles,shapes,sections etc. excluding wirods	'000 tonnes	61	49	366	681	300	149	163	100	
	Rs.lakhs	1,561	2,961	14,856	25,513	12,636	8,346	10,572	6,386	
Universal, plates and sheets	'000 tonnes	520	357	1,288	1,229	1,567	1,308	1,353	1,769	
	Rs.lakhs	9,573	13,450	47,987	50,760	52,044	49,707	60,027	60,001	
Railway rails	'000 tonnes	..	..	31	42	17	62	20	33	
	Rs.lakhs	10	1	1,433	1,300	550	2,401	905	2,146	
Iron or steel wire (excl- cluding wire rod), whether or not coated, but not insulated	'000 tonnes	18	25	6	6	8	5	7	8	
	Rs.lakhs	502	965	961	85	1,416	973	1,265	1,233	
Tubes, pipes fittings welded or drawn of iron or Steel	'000 tonnes	34	91	106	122	189	147	376	410	
	Rs.lakhs	1,296	8,069	12,355	16,496	20,156	16,479	40,074	47,270	
Copper and alloys refined or refined unwrought	'000 tonnes	465	113	515	56	73	44	114	53	
	Rs.lakhs	5,264	1,211	9,291	8,484	12,806	7,186	23,571	9,769	
Aluminium	'000 tonnes	64	73	1,211	17	26	61	69	115	
	Rs.lakhs	335	944	20,395	1,812	4,229	10,316	10,879	19,098	
Zinc	'000 tonnes	91	31	64	104	81	62	77	62	
	Rs.lakhs	2,197	2,077	4,451	8,365	6,866	7,265	8,760	6,127	
Steam generating boilers	Rs.lakhs	496	1,641	0.5	91	1,374	621	253	46	
Internal combustion diesel & semidiesel engine other than aircraft engines	Rs.lakhs	852	2,376	268	1,034	1,725	141	36	68	
Machine tools for working metal e.g. boring, drilling etc.	Rs.lakhs	1,050	3,781	10,632	17,284	18,180	16,453	15,430	20,641	
Metal working machinery other than machine tools	Rs.lakhs	1,013	439	3,507	2,769	2,972	3,078	3,569	4,098	
Conveying, Hoisting, excavating and road const- ruction machinery	Rs.lakhs	1,206	1,925	5,511	10,710	13,768	11,230	17,725	27,659	
Textile machinery and accessories (including bobbins etc.)	Rs.lakhs	998	1,948	7,003	11,451	13,885	11,065	19,710	27,945	
Electric generators,motors and connectors etc	Rs.lakhs	3,108	7,268	5,048	11,465	16,277	11,271	14,389	11,598	
Insulated cables and wire for electricity	Rs.lakhs	278	509	918	1,900	2,073	1,992	1,790	5,656	
Railways locomotives	Rs.lakhs	145	5	60	1,679	..	15	60	..	

## TRADE

## FOREIGN TRADE

Table 80-QUANTITY AND VALUE OF EXPORTS OF PRINCIPAL ARTICLES OF INDIAN PRODUCE AND MANUFACTURES

Principal Articles		1970-71	1975-76	1980-81	1982-83	1983-84	1984-85	1985-86	1986-87
1		2	3	4	5	6	7	8	9
Fish fresh and simply preserved	'000 tonnes Rs.lakhs	30 2,688	52 2,488	14 1,309	13 2,228	23 3,812	12 2,315	14 2,716	17 3,148
Cashew kernal	'000 tonnes Rs.lakhs	49 5,207	54 13,113	32 14,013	31 13,536	37 15,079	37 17,968	37 22,510	43 32,754
Sugar raw (including beet and cane)	'000 tonnes Rs.lakhs	222 1,772	2 2,133	72 3,596	31 6,606	577 14,993	90 2,431	37 1,573	3 145
Coffee (unroasted)	'000 qntls Rs.lakhs	319 2,399	589 6,412	873 21,424	746 16,640	696 17,089	657 19,923	989 26,485	727 28,962
Tea and mate	'000 tonnes Rs.lakhs	199 14,825	212 23,681	229 42,550	195 36,975	189 51,517	214 76,664	206 62,627	192 57,679
Spices	'000 tonnes Rs.lakhs	47 3,881	57 7,096	84 11,136	80 9,455	94 11,667	103 20,667	89 27,780	97 27,903
Oilseed cake meal (including other vegetable oils residue)	'000 tonnes Rs.lakhs	879 5,542	985 8,612	886 12,508	1,120 14,859	979 15,158	829 13,692	807 13,399	1,031 19,023
Tobacco unmanufactured	'000 tonnes Rs.lakhs	48 3,140	74 9,310	79 12,441	110 21,444	78 15,563	72 15,054	61 13,694	68 14,536
Skins (goats and kids) undressed	'000 qntls Rs.lakhs	38 357	1 7	2 58	.. ..	.. ..	.. ..	.. ..	.. ..
Wool (sheeps and lambs)	tonnes Rs.lakhs	6,933 411	2,779 358	19 55	.. 20	.. ..	.. ..	.. ..	.. ..
Raw cotton other than linters	'000 tonnes Rs.lakhs	32 1,395	52 3,924	132 16,488	78 10,776	123 16,662	44 6,304	36 6,817	203 20,690
Mica including splitting and mica waste	'000 qntls Rs.lakhs	267 1,555	177 1,463	1,676 1,768	108 2,013	124 1,787	159 1,949	181 2,092	199 1,956
Iron ore and concentrates	'000 tonnes Rs.lakhs	21,189 11,728	22,767 21,379	22,403 30,333	21,738 38,050	22,071 40,157	25,525 45,944	30,149 57,880	28,700 54,661
Manganese ore and concentrates	'000 tonnes Rs.lakhs	1,636 1,398	786 1,751	609 1,269	422 1,448	358 1,342	621 2,361	486 2,036	222 925
Natural gums and resins, etc.	'000 qntls Rs.lakhs	236 1,032	77 550	84 1,000	64 1,718	55 1,584	60 2,213	40 2,059	35 1,970
Coal	'000 tonnes Rs.lakhs	412 264	402 1,550	108 293	116 495	55 199	100 467	190 992	109 597
Castor oil	'000 qntls Rs.lakhs	156 589	228 997	9 65	142 1,181	68 1,011	257 3,452	164 1,471	57 475
Medicinal and pharmaceutical products	Rs.lakhs	846	2,215	6,742	11,222	15,523	23,342	15,720	16,100
Leather	'000 qntls Rs.lakhs	342 70,983	388 19,129	125 27,715	240 25,518	229 28,700	290 42,653	230 40,178	226 46,641

Source: Directorate General of Commercial Intelligence and Statistics

## TRADE

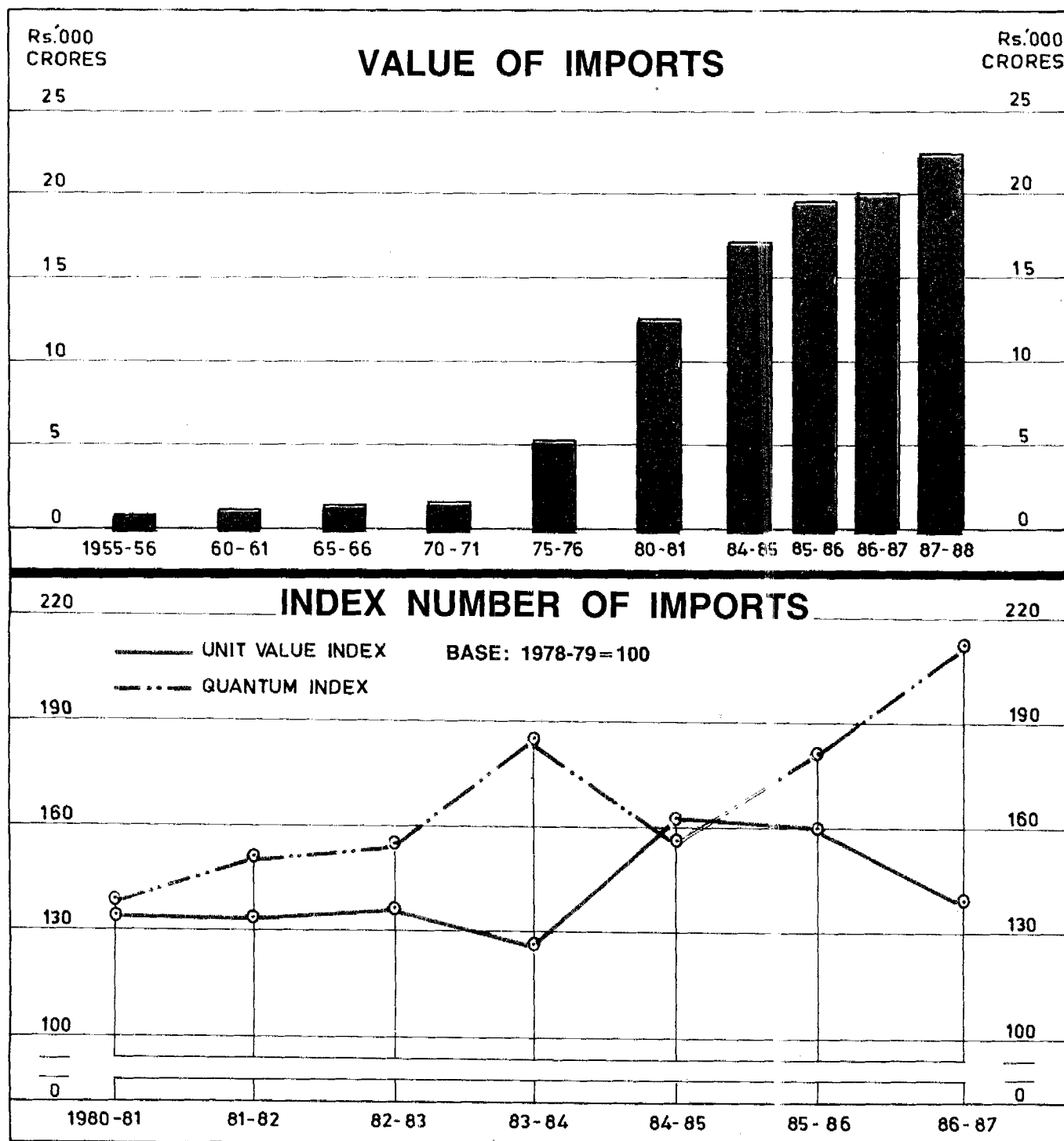
## FOREIGN TRADE

Table 80-QUANTITY AND VALUE OF EXPORTS OF PRINCIPAL ARTICLES OF INDIAN  
PRODUCE AND MANUFACTURES-contd.

Principal Articles		1970-71	1975-76	1980-81	1982-83	1983-84	1984-85	1985-86	1986-87
1		2	3	4	5	6	7	8	9
Cotton fabrics millmade grey unbleached	millions sqm Rs.lakhs	2,060 2,954	2,567 6,459	162 7,683	661 4,394	1,238 7,315	1,901 12,349	114 8,175	152 12,010
Cotton fabrics bleached	lakh sqm Rs.lakhs	2,130 3,858	640 1,913	325 11,120	3,135 21,869	3,081 21,827	3,339 29,986	3,324 29,609	3,009 30,219
Cotton fabrics, handloom grey unbleached	lakh sqm Rs.lakhs	280 779	580 3,935	925 8,808	97 785	147 1,091	394 2,612	208 1,535	182 1,553
Jute fabrics	'000 tonnes Rs.lakhs	353 13,134	512 24,528	462 18,070	166 10,319	194 8,766	138 15,940	127 13,145	141 11,602
Jute bags and sacks (new or used)	'000 tonnes Rs.lakhs	196 5,499	180 8,080	185 13,858	142 8,847	91 6,728	141 16,255	112 11,555	131 11,246
Woollen carpet and rugs, etc.incl. travelling rugs	'000 meters Rs.lakhs	1,560 1,004	2,421 3,527	5,225 15,797	.. 18,555	.. 19,789	.. 24,736	.. 22,114	.. 27,381
Pearls and precious and semi precious stones	Rs.lakhs	4,188	12,294	60,192	94,999	120,736	115,327	141,162	199,484
Pig iron,spiegelesen,iron & steel powders and shots and ferro-alloys	'000 tonnes Rs.lakhs	601 3,417	237 1,989	2 57	15 648	1 61	3 148	6 180	1 63
Iron & steel bars, rods, angles	'000 tonnes	380	257	20	..	6	87	16	2
shapes and sections (includ- ing sheet oillings)	Rs.lakhs	3,547	4,056	535	78	241	2,034	409	129
Machinery other than electric	Rs.lakhs	2,804	10,851	21,337	23,901	25,555	32,252	31,552	35,743
Electrical machinery appar- atus and appliances	Rs.lakhs	1,608	6,433	11,610	15,773	12,235	14,283	17,621	26,800
Transport equipment	Rs.lakhs	3,095	8,354	19,600	18,258	14,921	18,975	18,495	19,304
Leather footwear	'000 pairs Rs.lakhs	6,790 909	13,264 2,133	16,114 4,007	5,687 2,367	5,802 2,636	7,332 3,804	6,546 4,149	9,907 7,552

# FOREIGN TRADE

## IMPORTS



## TRADE

## FOREIGN TRADE

Table 81-INDEX NUMBERS OF IMPORTS OF THE UNIT VALUES AND OF QUANTUM OF IMPORTS  
(By Sea, Air and Land)

(Base: 1978-79=100)

Commodity Heads	Unit Value Index						Quantum Index					
	1980- 81	1982- 83	1983- 84	1984- 85	1985- 86	1986- 87	1980- 81	1982- 83	1983- 84	1984- 85	1985- 86	1986- 87
1	2	3	4	5	6	7	8	9	10	11	12	13
Food and Food Articles	115	112	99	119	143	133	135	231	429	250	249	230
Dairy products	168	176	148	147	179	218	92	142	22	197	52	21
Cereals and cereal preparations	111	93	90	92	138	163	104	458	1030	304	92	61
Beverages and Tobacco	125	161	133	196	185	193	94	107	353	118	296	235
Crude Materials, Inedible except Fuels	135	148	153	186	176	177	72	89	107	104	146	158
Crude fertilizers and minerals excluding coal, petroleum crude etc.	169	180	194	239	258	253	108	99	186	151	157	145
Mineral Fuels, Lubricants, etc.	240	274	256	284	295	165	131	125	113	114	105	109
Petroleum crude	241	279	260	295	301	160	111	116	109	93	98	106
Animal and Vegetable Oils, Fats and Waxes	81	74	103	157	135	80	158	109	140	116	103	148
Chemicals and Related Products	145	135	133	168	157	140	110	88	127	173	219	226
Chemical elements and compounds	132	140	135	159	135	132	120	134	215	238	356	385
Dyeing, tanning and colouring materials	114	158	161	158	185	164	77	76	83	112	129	172
Fertilizers manufactured	155	144	132	179	179	141	113	38	42	151	159	110
Manufactured Goods Classified												
Chiefly by Materials	90	103	118	128	131	118	168	184	182	157	195	249
Paper, paperboard and articles thereof	40	117	135	156	171	143	445	131	111	120	126	145
Textile yarn	120	139	157	175	195	232	105	199	162	102	136	92
Iron and steel	100	113	120	123	135	119	181	221	186	164	221	278
Copper	144	114	128	114	145	145	86	105	136	102	157	105
Aluminium	156	117	131	165	138	156	407	68	101	195	246	382
Manufactures of metals	92	98	120	84	90	120	210	316	268	363	483	378
Machinery and Transport												
Equipment	96	86	76	109	119	148	155	233	341	227	278	345
Machinery other than electric	80	56	61	96	125	143	179	364	480	279	290	391
Electric machinery	83	112	133	138	146	195	174	165	175	219	256	324
Transport equipment	150	255	152	135	98	134	116	78	109	101	215	222
Miscellaneous Manufactured Articles	97	102	137	146	150	169	147	193	192	170	225	268
General Index	134	136	126	162	160	139	138	155	185	156	181	212

Source: Directorate General of Commercial Intelligence and Statistics

## TRADE

## FOREIGN TRADE

Table 82-INDEX NUMBERS OF EXPORTS OF THE UNIT VALUES AND OF QUANTUM OF EXPORTS  
(By Sea, Air and Land)

(Base: 1978-79=100)

Commodity Heads	Unit Value Index						Quantum Index					
	1980-	1982-	1983-	1984-	1985-	1986-	1980-	1982-	1983-	1984-	1985-	1986-
	81	83	84	85	86	87	81	83	84	85	86	87
1	2	3	4	5	6	7	8	9	10	11	12	13
Food and Food Articles	103	117	134	156	159	181	114	111	106	107	108	105
Fish and fish preparations	101	145	143	147	165	193	94	112	112	116	111	122
Fruits and vegetables	130	136	132	159	180	217	118	148	153	158	155	168
Coffee	109	103	111	129	128	178	136	126	113	113	148	116
Tea	94	97	139	183	158	165	133	112	109	123	116	103
Spices	75	88	107	137	172	192	100	73	73	102	109	98
Oilseed cake	107	110	125	119	114	128	101	117	105	99	102	128
Beverages and Tobacco	111	136	146	154	160	163	108	157	105	100	91	98
Crude Materials, Inedible except Fuels	108	149	151	162	183	162	147	107	115	120	119	143
Raw cotton	67	104	104	116	117	47	1,318	520	800	270	296	2,218
Crude fertilizers,minerals excluding coal,petroleum crude etc.	117	129	144	163	178	233	114	114	101	130	119	89
Crude animal and vegetable materials	100	138	133	165	197	201	118	86	94	114	91	85
Mineral Fuels, Lubricants,etc.	183	132	193	227	229	153	78	4821	4244	4139	1475	1403
Coal,coke and briquettes	145	254	216	265	280	297	38	37	17	33	67	36
Animal and Vegetable Oils												
Fats and Waxes	113	115	151	192	177	184	96	127	167	171	154	97
Chemicals and Related Products	119	123	155	168	157	158	128	184	137	185	162	199
Manufactured Goods Classified Chiefly by Materials	118	139	150	172	182	193	85	81	84	90	88	101
Leather & Leather Manufactures excluding footwear	193	145	163	186	217	255	54	76	81	103	91	88
Textile yarn	122	128	128	149	173	142	103	111	120	131	122	244
Floor coverings	122	122	149	152	184	191	129	153	134	169	130	159
Machinery and Transport Equipment	102	134	145	145	134	149	130	110	92	114	128	139
Miscellaneous Manufactured Articles	99	134	144	154	166	189	126	105	114	136	136	149
General Index	109	132	151	169	171	179	108	117	113	121	111	121
Terms of Trade (1)	81	97	120	105	107	129	128	132	164	129	163	175

Source: Directorate General of Commercial Intelligence and Statistics

(1) The figures shown against this item are the net and gross terms of trade respectively. The former shown under the heading Unit Value Index is the ratio of overall export unit value index to similar import index and the latter shown under the heading Quantum Index is the ratio of overall import Quantum Index to similar export index.

## TRADE

## COASTING TRADE

Table 83A-TOTAL VALUE OF IMPORT MERCHANDISE TO VARIOUS MARITIME BLOCKS OF INDIA

(Rs.'000)

Maritime block	Imports Merchandise							
	1965-66	1970-71	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81
1	2	3	4	5	6	7	8	9
Andhra Pradesh	17,529	17,344	33,133	228,689	100,359	278,892	199,250	..
Gujarat	139,707	216,334	72,229	74,707	230,732	192,695	162,671	744,293
Karnataka	33,562	39,851	31,285	77,739	81,542	174,554	89,112	116,898
Kerala	349,235	105,001	90,557	56,353	137,172	151,350	313,049	287,475
Maharashtra	762,807	410,130	261,504	166,743	294,448	179,914	83,740	272,889
Orissa	..	..	15	..	..	1,444	3,850	..
Tamil Nadu	378,898	129,149	181,886	174,969	151,075	243,500	94,083	73,329
West Bengal	598,481	131,884	101,819	68,244	88,048	165,783	90,359	152,702
Andaman and Nicobar Islands	19,274	10,829	83,412	176,790	169,750	222,090	238,462	197,774
Goa	56,141	60,526	141,556	86,439	173,630	378,867	260,241	147,554
Lakshadweep	5,150	8,839	28,777	52,450	312,418	192,933	48,270	49,932
Total	2,360,784	1,129,887	1,026,173	1,163,123	1,617,172	2,180,022	1,583,087	2,042,846

Source: Directorate General of Commercial Intelligence and Statistics

Note: Daman and Diu are included in Gujarat from April 1964.

Table 83B-TOTAL VALUE OF EXPORT MERCHANDISE FROM VARIOUS MARITIME BLOCKS OF INDIA

(Rs.'000)

Maritime block	Exports Merchandise							
	1965-66	1970-71	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81
1	2	3	4	5	6	7	8	9
Andhra Pradesh	69,926	9	4,338	14,495	21,317	63,632	5,121	157,458
Gujarat	254,443	221,763	122,666	84,128	132,221	160,425	98,431	2,235
Karnataka	28,438	27,888	45,610	33,419	195,548	91,079	48,781	216,070
Kerala	584,089	303,477	269,653	330,012	417,014	437,145	200,951	30,077
Maharashtra	675,204	390,062	239,236	230,258	475,472	721,696	643,250	47,285
Orissa	..	..	510	1,483	40	45	32	446,014
Tamil Nadu	260,016	47,118	78,842	91,381	113,465	275,738	171,612	38,745
West Bengal	467,264	102,316	147,907	304,462	174,906	263,225	267,399	1,091,853
Andaman & Nicobar Islands	12,594	28,130	94,669	55,571	64,971	115,985	102,926	34
Goa	2,453	3,104	2,239	5,264	5,576	37,529	5,505	8,985
Lakshadweep	6,265	6,019	20,464	12,641	13,639	13,511	28,306	2,639
Pondicherry	..	..	39	9	3	12	12,773	1,471
Total	2,360,692	1,129,886	1,026,173	1,163,123	1,617,172	2,180,020	1,583,087	2,042,846

Source: Directorate General of Commercial Intelligence and Statistics

Note: Daman and Diu are included in Gujarat from April 1964.

## TRADE

## INLAND TRADE

Table 84—MOVEMENT OF CERTAIN PRINCIPAL ARTICLES BY RAIL AND RIVER  
BETWEEN THE STATES AND CHIEF PORT TOWNS  
(EXPORTED FROM)

('000 tonnes)

1	Coal and coke	Cotton piece goods	Rice and Wheat		Jute Raw	Raw cotton (lint) (Indian and foreign) (1)
			Rice not in the Husk	Wheat		
2	3	4	5	6	7	
1951-52	20,203	248	833	1,946	471	263
1955-56	21,655	326	1,642	826	353	347
1960-61	31,480	264	2,228	3,994	402	398
1965-66	33,191	256	1,690	4,596	461	314
1970-71	32,513	110	2,516	4,877	573	269
1975-76	39,053	72	2,594	6,898	453	334
1980-81	37,464	53	6,278	6,115	253	282
1983-84	55,200	29	7,646	8,748	102	201
1984-85	58,667	73	6,098	6,982	62	129
1985-86	95,777	117	6,500	7,808	91	223
Exported during 1985-86 from						
Andhra Pradesh (excl. Ports)	2,554	-	1,269	173	-	7
Andhra Pradesh Ports	956	-	150	24	-	-
Assam	106	-	63	151	20	-
Bihar	26,015	-	8	40	35	-
Chandigarh	-	-	11	-	-	-
Delhi	1	-	69	3	-	-
Goa	-	-	-	-	-	-
Gujarat (excl. Ports)	-	-	4	59	-	8
Gujarat Ports	-	-	-	19	-	1
Haryana	-	-	549	159	-	10
Himachal Pradesh	-	-	-	-	-	-
Jammu & Kashmir	-	-	6	-	-	-
Kandla Port	-	-	-	10	-	-
Karnataka (excl. Ports)	2	-	40	-	-	-
Karnataka Ports	-	-	-	2	-	-
Kerala (excl. Ports)	-	-	194	21	-	-
Cochin Port	-	-	102	5	-	-
Madhya Pradesh	26,000	2	256	343	1	16
Maharashtra (excl. Ports)	29,107	7	101	454	3	35
Bombay Port	20	103	9	34	-	-
Manipur	-	-	-	-	-	-
Meghalaya	-	-	-	-	-	-
Nagaland	-	-	-	2	-	-
Orissa	2,685	-	33	2	4	-
Pondicherry & Karikal	-	1	-	-	-	-
Punjab	1	-	2,723	4,013	-	122
Rajasthan	-	-	52	75	-	18
Tamil Nadu (excl. Madras Port)	4	-	46	62	-	1
Madras Port	37	-	13	21	-	-
Tripura	-	-	-	-	2	-
Uttar Pradesh	366	-	605	2,035	1	2
West Bengal (excl. Calcutta)	7,921	-	30	43	24	1
Calcutta	-	1	72	53	-	-

Source: Directorate General of Commercial Intelligence and Statistics

(1) Raw cotton figures relate to Cotton year ending August.

Note: Each of the three maritime states of Kerala, Tamil Nadu and Maharashtra is divided into three sub-trade blocks. The figures of the third sub-trade block viz. "other ports" for all these states are not shown in the breakup. Hence the sum of the breakup does not add up to the total.



## TRADE

## INLAND TRADE

Table 84—MOVEMENT OF CERTAIN PRINCIPAL ARTICLES BY RAIL AND RIVER  
BETWEEN THE STATES AND CHIEF PORT TOWNS—contd  
(EXPORTED FROM)

('000 tonnes)

	Iron and Steel Bars, Sheets, Girders and other forms	Oil seeds	Salt	Sugar (including Khandsari)	Sugar—raw (Gur, Jaggery and Shakkar)
1	8	9	10	11	12
1951-52	1,737	831	1,264	853	514
1955-56	1,917	946	1,241	865	449
1960-61	3,702	951	1,354	972	442
1965-66	7,343	779	2,086	1,097	510
1970-71	7,896	766	2,225	1,128	537
1975-76	9,076	864	2,857	1,743	727
1980-81	7,189	528	2,475	1,229	370
1983-84	6,957	407	2,171	1,522	361
1984-85	7,675	437	2,842	1,259	355
1985-86	8,639	584	3,121	5,087	153
Exported during 1985-86 from					
Andhra Pradesh (excl. Ports)	17	48	117	49	43
Andhra Pradesh Ports	67	-	42	178	-
Assam	2	15	-	2	-
Bihar	3,031	20	-	5	-
Chandigarh	5	-	-	-	-
Delhi	25	2	-	2	-
Goa	-	-	-	30	-
Gujarat (excl. Ports)	13	116	1,325	64	6
Gujarat Ports	1	1	180	4	-
Haryana	9	8	2	-	1
Himachal Pradesh	-	-	-	-	-
Jammu & Kashmir	-	-	-	-	-
Kandla Port	46	4	484	220	-
Karnataka (excl. Ports)	5	23	1	3	-
Karnataka Ports	-	-	-	65	-
Kerala (excl. Ports)	2	-	-	-	-
Cochin Port	12	-	-	28	-
Madhya Pradesh	1,890	43	1	49	-
Maharashtra (excl. Ports)	251	101	149	3,167	9
Bombay Port	548	-	20	506	-
Manipur	-	-	-	-	-
Meghalaya	-	-	-	-	-
Nagaland	-	2	-	-	-
Orissa	992	4	-	42	-
Pondicherry & Karikal	-	-	-	-	-
Punjab	23	13	1	-	-
Rajasthan	15	126	388	3	2
Tamil Nadu (excl. Madras Port)	5	28	71	171	75
Madras Port	59	2	7	140	1
Tripura	-	-	-	-	-
Uttar Pradesh	31	23	1	280	81
West Bengal (excl. Calcutta)	1,379	1	-	20	1
Calcutta	190	-	1	40	-

TRADE  
INLAND TRADE

Table 84—MOVEMENT OF CERTAIN PRINCIPAL ARTICLES BY RAIL AND RIVER  
BETWEEN THE STATES AND CHIEF PORT TOWNS—contd.  
(EXPORTED TO)

('000 tonnes)

1	Coal and coke	Cotton piecegoods	Rice and Wheat		Raw cotton (lint)	
			Rice not in the Husk	Wheat	Jute Raw	Indian and foreign(1)
2	3	4	5	6	7	
<b>1985-86</b>						
<b>Exported to—</b>						
Andhra Pradesh (excl. Ports)	11,123	1	174	444	23	2
Andhra Pradesh Ports	671	-	34	77	-	-
Assam	406	-	549	277	-	1
Bihar	2,294	7	122	738	2	5
Chandigarh	17	-	-	-	-	-
Delhi	3,557	2	77	562	-	-
Goa	13	-	54	62	-	-
Gujarat (excl. Ports)	5,494	-	155	218	1	12
Gujarat Ports	963	-	75	197	-	-
Haryana	283	-	2	3	-	1
Himachal Pradesh	5	-	-	-	-	-
Jammu & Kashmir	161	1	44	75	-	-
Kandla Port	-	-	-	9	-	-
Karnataka (excl. Ports)	2,839	1	421	425	-	3
Karnataka Ports	18	-	23	84	-	-
Kerala (excl. Ports)	357	-	1,391	133	-	-
Cochin Port	3	-	274	34	-	1
Madhya Pradesh	3,923	1	124	325	8	7
Maharashtra (excl. Ports)	8,272	-	394	757	-	7
Bombay Port	18,834	-	322	802	-	32
Manipur	-	-	-	-	-	-
Meghalaya	-	-	-	-	-	-
Nagaland	-	-	61	135	-	-
Orissa	4,467	-	28	276	1	1
Pondicherry & Karikal	130	-	6	8	-	-
Punjab	6,332	2	7	3	-	8
Rajasthan	3,356	-	6	312	3	3
Tamil Nadu (excl. Madras Port)	4,749	2	484	437	-	7
Madras Port	1,093	3	132	352	-	6
Tripura	-	-	68	16	-	-
Uttar Pradesh	11,151	3	20	138	18	16
West Bengal(excl. Calcutta)	4,884	2	562	528	26	19
Calcutta	196	89	266	348	9	92

Please see footnotes on page 230 ante.

## INLAND TRADE

Table 84-MOVEMENT OF CERTAIN PRINCIPAL ARTICLES BY RAIL AND RIVER  
BETWEEN THE STATES AND CHIEF PORT TOWNS-concl'd.  
(EXPORTED TO)

('000 tonnes)

	Iron and Steel Bars, Sheets, Girders, and other forms	Oil seeds	Salt	Sugar (including Khandsari)	Sugar-raw (Gur, Jaggery and Shakkar)
1	8	9	10	11	12
1985-86					
Exported to-					
Andhra Pradesh (excl. Ports)	711	7	30	344	-
Andhra Pradesh Ports	148	19	-	14	1
Assam	84	7	176	93	-
Bihar	349	37	589	795	10
Chandigarh	86	1	2	1	-
Delhi	476	24	176	396	-
Goa	6	-	1	-	-
Gujarat (excl. Ports)	350	3	-	18	16
Gujarat Ports	41	1	1	1	2
Haryana	178	58	18	122	-
Himachal Pradesh	21	-	1	-	-
Jammu & Kashmir	45	3	6	115	1
Kandla Port	1	-	-	-	-
Karnataka (excl. Ports)	411	3	72	-	1
Karnataka Ports	1	1	28	4	-
Kerala (excl. Ports)	17	3	-	2	-
Cochin Port	40	1	-	1	-
Madhya Pradesh	817	6	493	755	22
Maharashtra (excl. Ports)	742	19	53	46	21
Bombay Port	126	11	6	23	22
Manipur	1	-	-	-	-
Meghalaya	-	27	-	-	-
Nagaland	6	-	11	1	-
Orissa	338	16	151	313	7
Pondicherry & Karikal	-	-	-	-	-
Punjab	513	51	79	260	11
Rajasthan	148	39	76	237	6
Tamil Nadu (excl. Ports)	210	14	3	17	-
Madras Port	340	5	4	2	-
Tripura	1	-	20	1	-
Uttar Pradesh	1,157	37	723	724	1
West Bengal (excl. Calcutta)	490	51	210	619	15
Calcutta	493	138	188	180	48

## *BALANCE OF PAYMENTS*

The balance of payments is a systematic record of India's international economic transactions of residents with the rest of the world on account of merchandise, services, unrequited transfers and transfers of capital. Residents cover nationals as well as non-nationals residing in the country. Foreign students, tourists, foreign diplomatic officers and international institutions are not considered to be residents but diplomatic officers and armed forces of the country, stationed abroad, are treated as residents notwithstanding their physical location.

India's balance of payments statistics presented in this section are derived for the most part from Exchange Control records and the basic data on most of the official transactions, not routed through the banking channels, are obtained from the Government agencies and the Reserve Bank of India.

Table 85

A. Current Account—Economic transactions that enter the current account are presented in two parts viz., i) Merchandise and ii) Invisibles. A surplus on current account leads to an acquisition of assets or repayment of debts previously contracted and a deficit involves withdrawal of previously accumulated assets or is met by borrowings.

Merchandise—It comprises imports and exports of movable goods. Imports are inclusive of insurance and freight although these two elements come, strictly speaking, under the category of services and exports are shown f.o.b., by removing the estimated portion of freight and insurance from those exports that are booked on c.f./c.i.f. basis.

Non-monetary gold movement—Is the change in Monetary gold holding on account of gold transactions between i) monetary and non-monetary sectors and ii) import and export of gold.

### Invisibles

Travel Credit item represents foreign tourists' expenditure during their stay in India and on the debit side it covers exchange sold for private and official travel.

Transportation and insurance—Receipts cover estimated portion of freight and insurance from the exports and disbursements of foreign ships and airlines in Indian ports etc. Payments include operating expenses abroad of Indian steamship and airline companies and some freight and insurance payments.

Investment Income—Receipts include interest earned on the investments of RBI and on holdings of SDRs, and payments include interest and commitment charges on foreign loans, on purchases from the IMF and those on cumulative allocation of SDRs.

Governments, not included elsewhere—The item includes receipts and payments on account of maintenance of embassies and diplomatic missions and offices of international institutions.

Miscellaneous—This item covers, in the main, agency services, technicians and professional services, royalties, film rentals, etc.

Transfer payments—Official transfer receipts represent contra entries for cash receipts and value of aid received in kind from foreign governments and institutions and debits cover contributions to

international organisations and official grants in cash or kind extended to foreign governments. Since April 1964, receipt and payments of pensions on Govt. account are included under this item. Private transfers comprise all unilateral transfers such as migrants' transfers, repatriation of savings, remittances for family maintenance, contributions and donations to religious and charitable institutions etc. Receipts also include imports under P.L. 480, Title II. Since April 1964, receipts and payments of pension and retirement benefits etc. on private account are also covered under this head.

## B. Capital Account

This account presents transfers of money and other capital items and changes in the country's foreign assets and liabilities resulting from the transactions recorded in the current account. These are classified into three sectors : (1) private (2) banking and (3) official.

1. Private (non-banking)- These are divided into two categories viz., 'long-term' and 'short-term'.

(a) Private long-term capital: Flows relating to loans, investment in shares and other assets are covered here and in addition since April 1964, include drawings and repayments on account of loans extended by IBRD and foreign governments to the private sector in India. Drawings in respect of commercial borrowings and deposits received under Non-resident External Accounts and Foreign Currency Non-resident Accounts Schemes, are also included here.

(b) Private short-term capital: covers mainly short-term borrowings and repayments thereof.

2. Banking Capital-Excludes transactions of Reserve Bank of India.

3. Official- Capital transactions on account of Central and State governments, public sector undertakings and the Reserve Bank are covered here.

i) Loans-Credits represent utilisation of various foreign loans and credits obtained by the official sector from international financial institutions and foreign governments. This also covers external commercial borrowings by Public Sector undertakings effective 1985-86. The entries on the debit side relate to disbursement of official loans and credits extended to foreign governments.

ii) Amortisation-Debits represent repayments of loans on official account and credits relate to repayments by foreign governments of official loans extended to them.

iii) Miscellaneous-Covers all other capital transactions (both long-term and short-term) on government account including the movement in rupee balances held with the RBI by non-resident government, semi-government and international institutions.

(C) IMF-Capital: transactions with the IMF are recorded here. Credits comprise the drawdowns under various facilities of the IMF and the debits represent repurchases from the IMF.

(D) SDR Allocation-Is the counterpart entry to the allocation of SDRs made by the IMF from time to time.

(E) Errors and omissions-This is a reconciliation entry to balance the difference in the total credit and debit entries. These differences arise due to difference in timings and valuation between the two arms of a transaction or their coverage.

(F) Reserves and Monetary Gold-Represent changes in official foreign exchange holdings, gold holdings of the RBI and SDR holdings of the Government.

## Table 86

Regional Balance of Payments-Current Account-This table provides data on the regional aspect of the current account. The area-wise division of current transactions shown is based on definition of these areas current during the various periods concerned as detailed below :

Sterling Area- All commonwealth countries (excluding Canada and Newfoundland ) together with Jordan, Muscat & Oman, Irish Republic and Iceland.

Dollar Area-Covers Salvador, United States of America, Canada (including Newfoundland), Cuba, Haiti, Dominican Republic, Puerto Rico, Virgin Island of the United States, Mexico, Guatemala, Honduras (not British), Nicaragua, Costa Rica, Colombia, Republic of Panama, Panama Canal Zone, Venezuela, Ecuador, Bolivia, Hawaii, Philippines, Liberia and American Samoa. Figures for 1950-51 refer to 'Hard Currency Area' comprising the United States of America, other American Account Countries, Canada, Liberia, Argentina and Japan. The last two ceased to be hard currency countries from January, 1951 and October 1951, respectively. O.E.C.D. Countries- covers Sweden, Norway, Denmark, West Germany, Netherlands, Belgium, Luxembourg, France, Portugal, Switzerland, Italy, Austria, Greece, Turkey and Spain.

## BALANCE OF PAYMENTS

Table 85-OVERALL BALANCE OF PAYMENTS

(Rs. crores)

Items	1950-51			1960-61			1965-66		
	Credits	Debits	Net	Credits	Debits	Net	Credits	Debits	Net
1	2	3	4	5	6	7	8	9	10
<b>A. CURRENT ACCOUNT</b>									
I. Merchandise	646.8	650.3	-3.5	630.5	1,105.7	-475.2	784.5	1,367.9	-583.4
(i) Private	634.0	476.2	+157.8	624.3	644.0	-19.7	783.8	557.5	+226.3
(ii) Government	12.8	174.1	-161.3	6.2	461.7	-455.5	0.7	810.4	-809.7
II. Non-monetary gold movement	-	-	-	-	-	-	-	-	-
III. Invisibles	139.5	97.1	+42.4	259.9	177.1	+82.8	344.8	272.1	+72.7
1. Travel	4.6	17.0	-12.4	15.3	12.1	+3.2	15.1	10.8	+4.3
2. Transportation	30.1	8.6	+21.5	44.6	24.6	+20.0	53.6	27.9	+25.7
3. Insurance	8.3	2.9	+5.4	8.1	5.8	+2.3	11.7	6.1	+5.6
4. Investment income	7.2	31.3	-24.1	14.2	61.9	-47.7	10.9	135.0	-124.1
5. Government, not included elsewhere	19.3	15.8	+3.5	51.0	21.3#	+29.7	45.5	15.6	+29.9
6. Miscellaneous	27.1	15.7	+11.4	36.6	34.6	+2.0	25.8	49.4	-23.6
7. Transfer payments									
(i) Official	2.1	-	+2.1	45.2*	-	+45.2	87.3	11.5#	+75.8
(ii) Private	40.8	5.8	+35.0	44.9	16.8	+28.1	94.9	15.8	+79.1
Total Current Account (I+II+III)	786.3	747.4	+38.9	890.4	1,282.8	-392.4	1,129.3	1,640.0	-510.7
<b>B. CAPITAL ACCOUNT</b>									
1. Private									
(i) Long-term	13.8	27.2	-13.4	46.0	26.6	+19.4	57.8	53.8	+4.0
(ii) Short-term	1.6	1.8	-0.2	5.5	8.4	-2.9	5.5	6.3	-0.8
2. Banking	37.9	15.6	+22.3	44.1	34.4	+9.7	56.2	48.0	+8.2
3. Official									
(i) Loans	7.7	-	+7.7	256.6	5.0	+251.6	531.3	-	+531.3
(ii) Amortisation	9.8	12.9	-3.1	2.9	37.6	-34.7	1.6	74.3	-72.7
(iii) Miscellaneous	12.8	29.7	-16.9	144.1	37.0	+107.1	270.3	198.7	+71.6
Total Capital Account (1+2+3)	83.6	87.2	3.6	499.2	149.0	+350.2	922.7	381.1	+541.6
C. I.M.F.	-	-	-	-	10.7	-10.7	65.5	35.7	+29.8
D. SDR ALLOCATION	-	-	-	-	-	-	-	-	-
E. CAPITAL ACCOUNT, IMF AND SDR ALLOCATION (B+C+D)	83.6	87.2	-3.6	499.2	159.7	+339.5	988.2	416.8	+571.4
F. TOTAL CURRENT ACCOUNT, CAPITAL ACCOUNT, IMF AND SDR ALLOCATION (A+E)	869.9	834.6	+35.3	1,389.6	1,442.5	-52.9	2,117.5	2,056.8	+60.7
G. ERRORS AND OMISSIONS			-6.7			-6.3			-12.4
H. RESERVES AND MONETARY GOLD	50.4	79.0	-28.6	82.6	23.4	+59.2	64.9	113.2	-48.3

Source: Reserve Bank of India

Please see footnotes on pages 237 &amp; 238.

## BALANCE OF PAYMENTS

Table 85-OVERALL BALANCE OF PAYMENTS-contd.

(Rs. crores)

Items	1970-71(P)			1975-76(P)			1980-81(P)		
	Credits	Debits	Net	Credits	Debits	Net	Credits	Debits	Net
1	11	12	13	14	15	16	17	18	19
A. CURRENT ACCOUNT									
I. Merchandise	1,402.7	1,720.4	-317.7	4,177.6	4,744.1	-566.5	6,576.4	12,543.6	-5,967.2
(i) Private	1,401.7	646.2	+755.5	4,176.7	1,147.7	+3,029.0	6,576.1	4,735.3	+1,840.8
(ii) Government	1.0	1,074.2	-1,073.2	0.9	3,596.4	-3,595.5	0.3	7,808.3	-7,808.0
II. Non-monetary gold movement	13.1	-	+13.1	-	-	-	-	-	-
III. Invisibles	476.0	502.8	-26.8	1,609.3	748.6	+860.7	5,890.2	1,579.6	+4,310.6
1. Travel	27.9	17.8	+10.1	189.6	21.8	+167.8	1,166.3	90.3	+1,076.0
2. Transportation	106.5	78.4	+28.1	259.9	195.8	+64.1	361.6	355.1	+6.5
3. Insurance	11.7	12.0	-0.5	38.3	24.4	+13.9	48.4	34.0	+14.4
4. Investment income	48.5	274.2	-225.7	116.2	285.5	-169.3	855.1	371.2	+483.9
5. Government, not included elsewhere	30.1	23.0	+7.1	104.3	32.6	+71.7	87.5	47.1	+40.4
6. Miscellaneous	55.4	77.6	-22.2	180.1	171.2	+8.9	664.0	669.8	-5.8
7. Transfer payments									
(i) Official	59.5	6.4	+53.1	179.7	3.9	+175.8	438.5	0.5	+438.0
(ii) Private	136.4	13.2	+123.2	541.2	13.4	+527.8	2,268.8	11.6	+2,257.2
Total Current Account (I+II+III)	1,891.8	2,223.2	-331.4	5,786.9	5,492.7	+294.2	12,466.6	14,123.2	-1,656.6
B. CAPITAL ACCOUNT									
1. Private									
(i) Long-term	38.8	68.2	-29.4	49.6	103.1	-53.5	218.7	141.6	+77.1
(ii) Short-term	1.2	2.2	-1.0	1.1	1.7	-0.6	1.7	1.2	+0.5
2. Banking	43.7	51.4	-7.7	129.5	102.7	+26.8	430.3	417.6	+12.7
3. Official									
(i) Loans	658.9	3.4	+655.5	1,328.3	1.9	+1,326.4	1,670.9	6.4	+1,664.5
(ii) Amortisation	2.3	190.5	-188.2	-	283.6	-283.6	2.8	614.0	-611.2
(iii) Miscellaneous	311.4	340.8	-29.4	395.0	840.1	-445.1	1,008.1	1,235.3	-227.2
Total Capital Account (1+2+3)	1,056.3	656.5	+399.8	1,903.5	1,333.1	+570.4	3,332.5	2,416.1	+916.4
C. I.M.F.	-	153.8	-153.8	207.1	-	+207.1	274.3	12.6	+261.7
D. SDR ALLOCATION	75.4	-	+75.4	-	-	-	120.5	-	+120.5
E. CAPITAL ACCOUNT, IMF AND SDR ALLOCATION (B+C+D)	1,131.7	810.3	+321.4	2,110.6	1,333.1	+777.5	3,727.3	2,429	+1,298.6
F. TOTAL CURRENT ACCOUNT, CAPITAL ACCOUNT, IMF AND SDR ALLOCATION (A+E)	3,023.5	3,033.5	-10.0	7,897.5	6,825.8	+1,071.7	16,193.9	16,551.9	-358.0
G. ERRORS AND OMISSIONS			-78.7			-242.0			-158.0
H. RESERVES AND MONETARY GOLD	319.6	230.9	+88.7	258.9	1,088.6	-829.7	1,345.8	829.8	+516.0

## Notes:

A. I. Merchandise : Credits : Exports f.o.b., Debits : Imports c.i.f.

III. 1. Travel : Data for credits are provisional estimates.

5. G.n.i.e. : Credits include U.S. Embassy expenditure met out of P.L. 480 rupee funds.

7. (ii) Transfers : Private : Credits include contra entries for imports under P.L. 480 Title II Programme.

B. 1. (i) Private : Long term : Includes foreign official loans received and repaid by the private sector.

2. Banking : Represents movement in banking capital, excluding R.B.I.

3. (i) Loans : Credits represent utilisation of various foreign loans and credits received by the official sector. Debits cover loans extended by India to other countries.

(ii) Amortisation : Credits cover repayments by other countries of official loans extended to them, while debits show repayments of loans on official account.

(iii) Miscellaneous : Cover other official receipts and payments including those of R.B.I.

## BALANCE OF PAYMENTS

Table 85-OVERALL BALANCE OF PAYMENTS-concl'd.

(Rs. crores)

Items	1985-86(P)			1986-87(PR)			1987-88(P)		
	Credits	Debits	Net	Credits	Debits	Net	Credits	Debits	Net
1	20	21	22	23	24	25	26	27	28
<b>A. CURRENT ACCOUNT</b>									
I. Merchandise	11,577.6	21,163.6	-9,586.0	1,3315.0	22,868.9	-9,353.9	16,396.4	25,962.5	-9,296.1
(i) Private	11,577.6	9,641.7	+1,935.9	1,3315.0	11,396.7	+1,918.3	16,396.4	12,643.0	+3,753.4
(ii) Government	-	11,521.9	-1,1521.9	-	11,272.2	-11,272.2	-	13,049.5	-13,049.5
II. Non-monetary Gold movement	28.5	-	+28.5	-	-	-	-	-	-
III. Invisibles	7,875.2	4,245.0	+3,630.2	8,274.4	4,750.5	+3,523.9	9,278.5	6,275.0	+3,003.5
1. Travel	1,189.1	411.6	+777.5	1,606.6	370.6	+1,236.0	1,856.1	487.8	+1,368.3
2. Transportation	603.9	816.1	-212.2	688.0	747.9	-59.9	881.6	1,127.9	-246.3
3. Insurance	78.6	83.3	-4.7	83.1	101.6	-18.5	105.5	106.9	-1.4
4. Investment income	669.1	1,619.0	-949.9	640.5	1,890.0	-1,249.5	578.6	2,312.2	-1,733.6
5. Government, not included elsewhere	116.4	123.8	-7.4	132.8	135.8	-3.0	120.8	182.1	-61.3
6. Miscellaneous	2,062.7	1,163.8	+898.9	1,602.8	1,485.1	+117.7	1,667.5	2,020.5	-353.0
7. Transfer payments									
(i) Official	320.0	12.6	+307.4	530.0	4.7	+525.3	535.7	3.3	+532.4
(ii) Private	2,835.4	14.8	+2,820.6	2,990.6	14.8	+2,975.8	3,532.7	34.3	+3,498.4
Total Current Account (I+II+III)	19,481.3	25,408.6	-5,927.3	21,589.4	27,419.4	-5,830.0	25,674.9	31,967.5	-6,292.6
<b>B. CAPITAL ACCOUNT</b>									
1. Private									
(i) Long-term	2,611.3	519.0	+2,092.3	3,218.4	960.9	+2,257.5	3,955.6	1,717.3	+2,238.3
(ii) Short-term	5.7	6.8	-1.1	14.7	5.3	+9.4	28.7	18.6	+10.1
2. Banking	754.5	568.4	+186.1	375.6	445.7	-70.1	315.2	240.4	+74.8
3. Official									
(i) Loans	3,692.9	9.5	+3,683.4	6,477.8	15.4	+6,462.4	6,851.6	20.0	+6,831.6
(ii) Amortisation	-	1,152.1	-1,152.1	-	2,719.3	-2,587.9	7.8	2,841.4	-2,833.6
(iii) Miscellaneous	971.4	886.3	+85.1	1,873.6	2,045.5	-171.9	5,989.8	4,817.9	+1,171.9
Total Capital Account (1+2+3)	8,035.8	3,142.1	+4,893.7	11,960.1	6,060.7	+5,899.4	17,148.7	9,655.6	+7,493.1
C. I.M.F.	-	253.0	-253.0	-	672.3	-672.3	-	1,209.0	-1,209.0
D. SDR ALLOCATION	-	-	-	-	-	-	-	-	-
E. CAPITAL ACCOUNT, IMF AND SDR ALLOCATION (A+B+C)	8,035.8	3,395.1	+4,640.7	11,960.1	6,733.0	+5,227.1	17,148.7	10,864.6	+6,284.1
F. TOTAL CURRENT ACCOUNT, CAPITAL ACCOUNT, IMF AND SDR ALLOCATION (A+E)	27,517.1	28,803.7	-1,286.6	33,549.5	34,152.4	-602.9	42,823.6	42,832.1	-8.5
G. ERRORS AND OMISSIONS			+580.1			-129.3			-947.7
H. RESERVES AND MONETARY GOLD			+706.5			+732.2			+956.2

C. I.M.F.: Includes purchases and repurchases from the I.M.F. and similar capital transactions.

H. Reserve and Monetary Gold : Represent changes in official foreign exchange holdings, gold holdings of the R.B.I. and SDR holdings of the Government.

# Includes Rs. 8.3 crores paid to the I.B.R.D. as our contribution to the Indus Basin Development Fund under the terms of the Indus Water Treaty signed on Sep.19,1960. Since April-June 1964, these payments hereafter are included under official transfer payments.

\* Includes Rs.8.5 crores earmarked by the U.S. authorities to finance exports of goods and services to Nepal under their economic aid programme to that country.

Exchange rates: Foreign currency transactions have been converted into rupees at the par/central rates upto June 1972 and on the basis of average of the Bank's spot buying and selling rates for sterling and the monthly averages of cross rates of non-sterling currencies based on London market there after.

Notes: 1. Due to change in the estimation procedure in respect of receipts individually below Rs.10,000 from Oct-Dec.1983 quarter, and data on receipts under current invisibles and private Long-Term Capital are not strictly comparable with those for the earlier period.

2. Since October-December 1986 data on credits under private long-term capital and official loans include borrowings to prepay earlier loans, debits against private long-term capital and official amortisation cover such pre-payments.



## BALANCE OF PAYMENTS

Table 86-REGIONAL BALANCE OF PAYMENTS-CURRENT ACCOUNT

(Rs.crores)

Items	1950-51			1960-61			1965-66		
	Credits	Debits	Net	Credits	Debits	Net	Credits	Debits	Net
1	2	3	4	5	6	7	8	9	10
Sterling Area (1)									
I.Merchandise*	351.4	330.2	+21.2	300.9	349.7	-48.8	261.9	263.6	-1.7
(i)Private	351.3	249.9	+101.4	299.2	260.2	+39.0	261.9	141.7	+120.2
(ii)Government	0.1	80.3	-80.2	1.7	89.5	-87.8	-	121.9	-121.9
II.Non-monetary Gold movement	-	-	-	-	-	-	-	-	-
III.Invisibles	111.9	60.1	+57.8	112.5	88.4	+24.1	126.7	90.3	+36.4
1.Foreign Travel	4.6	4.7	-0.1	8.3	4.3	+4.0	5.5	3.1	+2.4
2.Transportation	20.5	4.6	+15.9	23.9	11.6	+12.3	21.5	7.7	+13.8
3.Insurance	7.3	2.6	+4.7	5.4	4.1	+1.3	5.7	4.4	+1.3
4.Investment income	7.1	21.9	-14.8	11.3	27.3	-16.0	8.4	38.9	-30.5
5.Government,not included elsewhere	18.9	11.7	+7.2	7.7	5.7	+2.0	6.6	6.6	-
6.Miscellaneous	18.0	10.0	+8.0	22.3	21.4	+0.9	16.3	18.7	-2.4
7.Transfer payments	-	-	-	1.6	-	+1.6	5.7	0.4	+5.3
(i) Official	35.5	4.6	+30.9	32.0	14.0	+18.0	57.0	10.5	+46.5
(ii) Private									
Total Current Account (I+II+III)	463.3	390.3	+73.0	413.4	438.1	-24.7	388.6	353.9	+34.7
Dollar Area									
I.Merchandise*	168.1	138.9	+29.2	121.5	395.0	-273.5	175.5	540.4	-364.6
(i)Private	168.0	89.2	+78.8	120.9	147.4	-26.5	175.4	164.1	+11.3
(ii)Government	0.1	49.7	-49.6	0.6	247.6	-247.0	0.1	376.0	-375.9
II.Non-monetary Gold movement	-	-	-	-	-	-	-	-	-
III.Invisibles	17.6	17.3	+0.3	111.8	30.7	+81.1	175.7	76.3	+99.4
1.Foreign Travel	-	1.1	-1.1	3.5	2.5	+1.0	5.1	3.1	+2.0
2.Transportation	4.9	2.0	+2.9	6.7	6.3	+0.4	9.5	8.1	+1.4
3.Insurance	0.5	0.2	+0.3	0.7	0.7	-	3.6	1.0	+2.6
4.Investment income	0.1	9.0	-8.9	2.4	13.3	-10.9	1.4	51.2	-49.8
5.Government,not included elsewhere	0.2	1.6	-1.4	37.5	2.0	+35.5	33.1	33.0	+30.1
6.Miscellaneous	5.0	3.0	+2.0	6.9	5.3	+1.6	7.9	8.1	-0.2
7.Transfer payments									
(i) Official	2.1	-	+2.1	43.5#	-	+43.5	81.4	-	+81.4
(ii) Private	4.8	0.4	+4.4	10.6	0.6	+10.0	33.7	1.8	+31.9
Total Current Account (I+II+III)	185.7	156.2	+29.5	233.3	425.7	-192.4	351.2	616.4	-265.2

Source: Reserve Bank of India

(1) As it was constituted till June 23,1972.

\* Exports f.o.b.,Imports c.i.f.

# Includes Rs.8.4 crores earmarked by the U.S.authorities to Nepal under their economic aid programme to that country.

## BALANCE OF PAYMENTS

Table 86-REGIONAL BALANCE OF PAYMENTS-CURRENT ACCOUNT-contd.

(Rs.crores)

Items	1970-71(P)			1975-76(P)			1980-81(P)		
	Credits	Debits	Net	Credits	Debits	Net	Credits	Debits	Net
1	11	12	13	14	15	16	17	18	19
Sterling Area (1)									
I.Merchandise*	362.9	278.1	+84.8	1,101.1	641.0	+460.1	1,857.8	3,047.8	-1,390.0
(i) Private	362.9	124.8	+238.1	1,100.3	226.3	+874.0	1,657.7	1,225.3	+432.4
(ii) Government	-	153.3	-153.3	0.8	414.7	-413.9	0.1	1,822.5	-1,822.4
II.Non-monetary Gold movement	-	-	-	-	-	-	-	-	-
III.Invisibles	132.2	126.1	+6.1	655.0	238.8	+416.2	3,101.9	554.5	+2,547.4
1.Foreign Travel	11.7	3.6	+8.1	98.9	6.4	+92.5	723.5	30.8	+692.7
2.Transportation	30.2	18.4	+11.8	73.0	88.8	-15.8	91.3	122.9	-31.6
3.Insurance	4.1	9.9	-5.8	14.2	21.5	-7.3	14.8	24.0	-9.2
4.Investment income	17.0	51.5	-34.5	43.0	43.9	-0.9	156.1	60.0	+96.1
5.Government,not included elsewhere	6.8	8.0	-1.2	6.9	13.1	-6.2	10.3	6.4	+3.9
6.Miscellaneous	23.0	24.9	-1.9	96.9	58.6	+38.3	380.6	303.4	+77.2
7.Transfer payments-									
(i) Official	2.2	1.8	+0.4	74.0	0.8	+73.2	196.7	0.3	+196.4
(ii) Private	37.2	8.0	+29.2	248.1	5.7	+242.2	1,528.6	6.7	+1,521.9
Total Current Account (I+II+III)	495.1	404.2	+90.9	1,756.1	879.8	876.3	4,759.7	3,602.3	+1,157.4
Dollar Area									
I.Merchandise*	223.7	620.2	-396.5	613.8	1,367.7	-753.9	858.2	1,836.1	-977.9
(i) Private	223.0	122.7	+100.3	613.8	247.8	+366.0	858.2	785.0	+73.2
(ii) Government	0.7	497.5	-496.8	-	1,119.9	-1,119.9	-	1,051.1	-1,051.1
II.Non-monetary Gold movement	13.1	-	+13.1	-	-	-	-	-	-
III.Invisibles	221.0	180.6	+40.4	476.6	181.4	+295.2	1,171.7	501.9	+669.8
1.Foreign Travel	11.1	8.2	+2.9	60.0	6.0	+54.0	154.9	27.1	+127.8
2.Transportation	22.3	28.4	-6.1	38.3	49.4	-11.1	44.6	127.5	-82.9
3.Insurance	1.0	1.5	-0.5	3.9	1.5	+2.4	3.9	8.3	-4.4
4.Investment income	19.2	118.1	-98.9	32.1	74.6	-42.5	432.7	103.1	+329.6
5.Government,not included elsewhere	8.8	5.5	+3.3	73.2	6.9	+66.3	57.1	17.1	+40.0
6.Miscellaneous	20.5	17.4	+3.1	35.6	41.9	-6.3	129.3	216.0	-86.7
7.Transfer payments-									
(i) Official	53.8	-	+53.8	5.4	0.1	+5.3	0.1	-	+0.1
(ii) Private	84.3	1.5	+82.8	228.1	1.0	+227.1	349.1	2.8	+346.3
Total Current Account (I+II+III)	457.8	800.8	-343.0	1,090.4	1,549.1	-458.7	2,029.9	2,338.0	-308.1

See footnotes on pre-page.

## BALANCE OF PAYMENTS

Table 86-REGIONAL BALANCE OF PAYMENTS-CURRENT ACCOUNT-contd.

(Rs.crores)

Items	1984-85(P)			1985-86(P)			1986-87(P)		
	Credits	Debits	Net	Credits	Debits	Net	Credits	Debits	Net
1	20	21	22	23	24	25	26	27	28
<b>Sterling Area (1)</b>									
I.Merchandise*	2,821.4	4,329.1	-1,507.7	2,474.6	4,884.8	-2,410.2	2897.5	4479.1	-1581.6
(i) Private	2,821.4	1,853.1	+968.3	2,474.6	2,340.3	+134.3	2897.5	2628.8	+268.7
(ii) Government	-	2,476.0	-2,476.0	-	2,544.5	-2,544.5	-	1850.3	-1850.3
II.Non-monetary Gold movement	20.2	-	+20.2	0.9	-	+0.9	-	-	-
III.Invisibles	3,657.1	880.1	+2,777.0	3,364.5	1,002.4	+2,362.1	3436.6	1,065.0	+2371.6
1.Foreign Travel	382.4	187.7	+194.7	378.1	200.9	+177.2	653.3	153.1	+500.2
2.Transportation	128.4	266.2	-137.8	90.6	254.4	-163.8	110.6	212.4	-101.8
3.Insurance	23.0	61.0	-38.0	18.9	69.0	-50.1	22.1	90.3	-68.2
4.Investment income	54.4	162.8	-108.4	106.9	171.0	-64.1	152.8	185.4	-32.2
5.Government,not included elsewhere	11.8	12.8	-1.0	8.6	18.6	-10.0	7.8	23.3	-15.5
6.Miscellaneous	1,320.2	179.1	+1,141.1	1,160.2	283.0	+877.2	718.0	393.6	+324.4
7.Transfer payments-									
(i) Official	207.2	2.2	+205.0	150.5	0.8	+149.7	118.1	1.0	+117.1
(ii) Private	1,529.7	8.3	+1,521.4	1,450.7	4.7	+1,446.0	1653.9	5.9	+1648.0
Total Current Account (I+II+III)	6,498.7	5,209.2	+1,289.5	5,840.0	5,887.2	-47.2	6334.1	5,544.1	+790.0
<b>Dollar Area</b>									
I.Merchandise*	2,446.7	3,065.8	-619.1	2,344.3	3,280.2	-935.9	2686.6	3,878.8	-1192.2
(i) Private	2,446.7	1,110.8	+1,335.9	2,344.3	1,344.6	+999.7	2686.6	1,464.6	+1222.0
(ii) Government	-	1,955.0	-1,955.0	-	1,935.6	-1,935.6	-	2,414.2	-2414.2
II.Non-monetary Gold movement	-	-	-	27.6	-	+27.6	-	-	-
III.Invisibles	2,028.7	1,482.7	+546.0	2,086.1	1,165.6	+920.5	2307.5	1,362.8	+944.7
1.Foreign Travel	297.3	91.6	+205.7	546.6	87.5	+459.1	685.1	99.8	+585.3
2.Transportation	156.6	391.5	-234.9	146.7	311.5	-164.8	147.6	313.7	-166.1
3.Insurance	7.2	18.4	-11.2	7.8	11.0	-3.2	8.4	6.4	+2.0
4.Investment income	314.5	372.6	-58.1	265.4	287.2	-21.8	245.5	426.4	-180.9
5.Government,not included elsewhere	70.2	20.9	+49.3	100.3	27.5	+72.8	86.5	28.8	+57.7
6.Miscellaneous	578.7	583.1	-4.4	408.5	434.4	-25.9	478.8	482.8	-4.0
7.Transfer payments-									
(i) Official	11.0	0.3	+10.7	10.6	0.3	+10.3	123.3	0.3	+123.0
(ii) Private	593.2	4.3	+588.9	600.2	6.2	+594.0	532.3	4.6	+527.7
Total Current Account (I+II+III)	4,475.4	4,548.5	-73.1	4,458.0	4,445.8	+12.2	4994.1	5,241.6	-247.5

See footnotes on page 239

## BALANCE OF PAYMENTS

Table 86-REGIONAL BALANCE OF PAYMENTS-CURRENT ACCOUNT-contd.

(Rs.crores)

Items	1950-51			1960-61			1965-66		
	Credits	Debits	Net	Credits	Debits	Net	Credits	Debits	Net
1	2	3	4	5	6	7	8	9	10
<b>E.C.D. Countries</b>									
I. Merchandise*	-	-	-	56.7	188.0	-131.3	63.8	198.6	-134.8
(i) Private	-	-	-	55.5	120.2	-64.7	63.4	101.8	-38.4
(ii) Government	-	-	-	1.2	67.8	-66.6	0.4	96.8	-96.4
II. Non-monetary Gold Movement	-	-	-	-	-	-	-	-	-
III. Invisibles	-	-	-	12.2	22.3	-10.1	11.7	36.4	-24.7
1.Foreign Travel	-	-	-	1.7	2.2	-0.5	2.6	1.9	+0.7
2.Transportation	-	-	-	3.4	4.9	-1.5	3.6	6.8	-3.2
3.Insurance	-	-	-	0.6	0.5	+0.1	0.3	0.3	-
4.Investment income	-	-	-	0.1	8.3	-8.2	0.3	14.6	-14.3
5.Government, n.i.e., @	-	-	-	1.5	1.3	+0.2	1.6	2.5	-0.9
6.Miscellaneous	-	-	-	3.8	3.4	+0.4	1.0	8.0	-7.0
7.Transfer payments	-	-	-	-	-	-	-	-	-
(i) Official	-	-	-	0.1	-	+0.1	0.2	-	+0.2
(ii) Private	-	-	-	1.0	1.7	-0.7	2.1	2.3	-0.2
<b>Total Current Account(I+II+III)</b>	-	-	-	68.9	210.3	-141.4	75.5	235.0	-159.5
<b>Rest of Non-sterling Area(2)</b>									
I. Merchandise*	127.3	181.2	-53.9	151.4	173.0	-21.6	283.3	365.6	-82.3
(i) Private	114.7	137.1	-22.4	148.7	116.2	+32.5	283.1	149.9	+133.2
(ii) Government	12.6	44.1	-31.5	2.7	56.8	-54.1	0.2	215.7	-215.5
II. Non-monetary Gold Movement	-	-	-	-	-	-	-	-	-
III. Invisibles	10.0	19.7	-9.7	22.5	13.7	+8.8	30.0	37.6	-7.6
1.Foreign Travel	-	11.2	-11.2	1.8	3.1	-1.3	1.9	2.7	-0.8
2.Transportation	4.7	2.0	+2.7	10.6	1.8	+8.8	19.0	5.3	+13.7
3.Insurance	0.5	0.1	+0.4	1.4	0.5	+0.9	2.1	0.4	+1.7
4.Investment income	-	0.4	-0.4	0.4	1.9	-1.5	0.8	10.1	-9.3
5.Government, n.i.e., @	0.2	2.5	-2.3	3.4	1.4	+2.0	3.5	3.3	+0.2
6.Miscellaneous	4.1	2.7	+1.4	3.6	4.5	-0.9	0.6	14.6	-14.0
7.Transfer payments	-	-	-	-	-	-	-	-	-
(i) Official	-	-	-	-	-	-	-	-	-
(ii) Private	0.5	0.8	-0.3	1.3	0.5	+0.8	2.1	1.2	+0.9
<b>Total Current Account(I+II+III)</b>	137.3	200.9	-63.6	173.9	186.7	-12.8	313.3	403.2	-89.9
<b>International Institutions</b>									
I. Merchandise*	-	-	-	-	-	-	-	-	-
(i) Private	-	-	-	-	-	-	-	-	-
(ii) Government	-	-	-	-	-	-	-	-	-
II. Non-monetary Gold Movement	-	-	-	-	-	-	-	-	-
III. Invisibles	-	-	-	0.9	22.0	-21.1	0.7	31.5	-30.8
1.Foreign Travel	-	-	-	-	-	-	-	-	-
2.Transportation	-	-	-	-	-	-	-	-	-
3.Insurance	-	-	-	-	-	-	-	-	-
4.Investment income	-	-	-	-	11.1	-11.1	-	20.2	-20.2
5.Government, n.i.e., @	-	-	-	0.9	10.9(a)	-10.0	0.7	0.2	+0.5
6.Miscellaneous	-	-	-	-	-	-	-	-	-
7.Transfer payments	-	-	-	-	-	-	-	-	-
(i) Official	-	-	-	-	-	-	-	11.1	-11.1
(ii) Private	-	-	-	-	-	-	-	-	-
<b>Total Current Account(I+II+III)</b>	-	-	-	0.9	22.0	-21.1	0.7	31.5	-30.8

2) Includes figures of the O.E.C.D. countries also in the year 1950-51.

a) Includes Rs.8.3 crores paid to the I.B.R.D. as our contribution to the Indus Basin Development Fund under the terms of the Indus water Treaty signed on September 19, 1960. Since April-June 1964, these payments thereafter are included under official transfer payments.

@ n.i.e.: not included elsewhere.

See other footnotes on page 260 ante.

## BALANCE OF PAYMENTS

Table 86-REGIONAL BALANCE OF PAYMENTS-CURRENT ACCOUNT-contd.

(Rs. crores)

Items	1970-71(P)			1975-76(P)			1980-81(P)		
	Credits	Debits	Net	Credits	Debits	Net	Credits	Debits	Net
I	11	12	13	14	15	16	17	18	19
O.E.C.D. Countries									
I. Merchandise*	120.6	250.0	-129.4	583.9	793.2	-209.3	1,293.4	2,031.2	-737.
(i) Private	120.5	113.9	+6.6	583.9	260.6	+323.3	1,293.3	1,003.3	+292.
(ii) Government	0.1	136.1	-136.0	-	532.6	-532.6	0.1	1,027.9	-1,027.
II. Non-monetary Gold Movement	-	-	-	-	-	-	-	-	-
III. Invisibles	45.6	75.4	-29.8	226.2	133.2	+93.0	793.2	253.4	+539.
1. Foreign Travel	2.9	3.9	-1.0	19.7	6.5	+13.2	131.2	21.0	+110.
2. Transportation	6.7	15.5	-8.8	31.0	25.2	+5.8	72.0	52.9	+19.
3. Insurance	1.2	0.4	+0.8	5.5	0.7	+4.8	8.5	1.0	+7.
4. Investment income	9.9	33.6	-23.7	26.0	47.7	-21.7	162.8	63.2	+99.
5. Government, n.i.e., @	4.0	3.4	+0.6	5.1	4.6	+0.5	2.9	12.6	-9.
6. Miscellaneous	6.1	16.6	-10.5	26.2	46.8	-20.6	80.8	103.5	-22.
7. Transfer payments									
(i) Official	3.4	-	+3.4	62.6	-	+62.6	166.6	0.1	+166.
(ii) Private	11.4	2.0	+9.4	50.1	1.7	+48.4	168.4	1.1	+167.
Total Current Account(I+II+III)	166.2	325.4	-159.2	810.1	926.4	-116.3	2,086.6	2,284.6	-198.
Rest of Non-sterling Area									
I. Merchandise*	695.6	572.1	+123.5	1,878.8	1,942.2	-63.4	2,767.0	5,630.5	-2,863.
(i) Private	695.4	284.7	+410.7	1,878.7	413.0	+1465.7	2,766.9	1,723.7	+1,043.
(ii) Government	0.2	287.4	-287.2	0.1	1,529.2	-1529.1	0.1	3,906.8	-3,906.
II. Non-monetary Gold Movement	-	-	-	-	-	-	-	-	-
III. Invisibles	75.5	82.7	-7.2	197.5	109.6	+87.9	730.8	197.6	+533.
1. Foreign Travel	2.3	2.1	+0.2	11.0	2.9	+8.1	156.7	11.4	+145.
2. Transportation	47.3	16.2	+31.1	117.6	32.4	+85.2	153.7	51.8	+101.
3. Insurance	5.4	0.4	+5.0	14.7	0.7	+14.0	21.2	0.7	+20.
4. Investment income	1.8	37.4	-35.6	6.5	37.7	-31.2	69.7	74.9	-5.
5. Government, n.i.e., @	9.6	6.0	+3.6	12.6	8.0	+4.6	6.3	11.0	-4.
6. Miscellaneous	5.6	18.7	-13.1	20.3	22.9	-2.6	73.2	46.7	+26.
7. Transfer payments									
(i) Official	-	0.1	-0.1	-	-	-	27.3	0.1	+27.
(ii) Private	3.5	1.8	+1.7	14.8	5.0	+9.8	222.7	1.0	+221.
Total Current Account(I+II+III)	771.1	654.8	+116.3	2,076.3	2,051.8	+24.5	3,497.8	5,828.1	-2,330.
International Institutions									
I. Merchandise*	-	-	-	-	-	-	-	-	-
(i) Private	-	-	-	-	-	-	-	-	-
(ii) Government	-	-	-	-	-	-	-	-	-
II. Non-monetary Gold Movement	-	-	-	-	-	-	-	-	-
III. Invisibles	1.6	38.0	-36.4	54.0	85.6	-31.6	92.6	70.2	+22.
1. Foreign Travel	-	-	-	-	-	-	-	-	-
2. Transportation	-	-	-	-	-	-	-	-	-
3. Insurance	-	-	-	-	-	-	-	-	-
4. Investment income	0.5	33.5	-33.0	8.6	81.6	-73.0	33.8	70.0	-36.
5. Government, n.i.e., @	0.9	-	+0.9	6.5	-	+6.5	10.9	-	+10.
6. Miscellaneous	0.2	-	+0.2	1.1	1.0	+0.1	0.1	0.2	-0.
7. Transfer payments									
(i) Official	-	4.5	-4.5	37.7	3.0	+34.7	47.8	-	+47.
(ii) Private	-	-	-	0.1	-	+0.1	-	-	-
Total Current Account(I+II+III)	1.6	38.0	-36.4	54.0	85.6	-31.6	92.6	70.2	+22.

See footnotes on pages 239 and 242 ante.

## BALANCE OF PAYMENTS

Table 86-REGIONAL BALANCE OF PAYMENTS-CURRENT ACCOUNT-concl'd.

(Rs. crores)

Items	1984-85(P)			1985-86(P)			1986-87(P)		
	Credits	Debits	Net	Credits	Debits	Net	Credits	Debits	Net
1	20	21	22	23	24	25	26	27	28
O.E.C.D. Countries									
I.Merchandise*	1,827.2	3,692.5	-1,865.3	1,821.1	4,529.7	-2,708.6	2511.7	6,441.9	-3,930.2
(i) Private	1,827.2	1,868.5	-41.3	1,821.1	2,345.5	-524.4	2511.7	3,313.8	-802.1
(ii) Government	-	1,824.0	-1,824.0	-	2,184.2	-2,184.2	-	3,128.1	-3,128.1
II.Non-monetary Gold movement	-	-	-	-	-	-	-	-	-
III.Invisibles	840.1	655.5	+184.6	871.0	691.9	+179.1	953.9	817.9	+136.0
1.Foreign Travel	65.6	74.4	-8.8	103.1	70.9	+32.2	137.9	75.1	+62.8
2.Transportation	103.1	93.2	+9.9	101.0	80.2	+20.8	144.7	91.9	+10.8
3.Insurance	20.8	2.8	+18.0	11.0	1.0	+10.0	14.3	3.5	-146.4
4.Investment income	91.7	179.4	-87.7	108.0	249.1	-141.1	104.3	250.7	-40.8
5.Government, n.i.e.,@	2.8	21.0	-18.2	3.0	46.1	-43.1	5.4	46.2	151.8
6.Miscellaneous	160.9	283.2	-122.3	144.9	242.4	-97.5	194.2	346.0	
7.Transfer payments									
(i) Official	173.2	0.2	+173.0	142.2	0.3	+141.9	91.4	1.4	+90.0
(ii) Private	222.0	1.3	+220.7	257.8	1.9	+255.9	261.7	2.3	+259.4
Total Current Account (I+II+III)	2,667.3	4,348.0	-1,680.7	2,692.1	5,221.6	-2,529.5	3,465.6	7,259.8	-3,794.2
Rest of Non-sterling Area									
I.Merchandise*	4,863.9	7,592.9	-2,729.0	4,937.6	8,468.9	-3,531.3	5219.2	7,869.1	-2,649.9
(i) Private	4,863.9	2,697.2	+2,166.7	4,937.6	3,611.3	+1,326.3	5219.2	3,989.5	+1,229.7
(ii) Government	-	4,895.7	-4,895.7	-	4,857.6	-4,857.6	-	3,879.6	-3,879.6
II.Non-monetary Gold movement	-	-	-	-	-	-	-	-	-
III.Invisibles	1,613.3	617.2	+996.1	1,469.6	666.9	+802.7	1,468.9	704.1	+764.8
1.Foreign Travel	152.6	55.6	+97.0	161.1	52.3	+108.8	130.3	42.6	+87.7
2.Transportation	255.2	166.8	+88.4	265.6	170.0	+95.6	285.1	129.9	+155.2
3.Insurance	37.8	1.9	+35.9	40.9	2.3	+38.6	38.3	1.4	+36.9
4.Investment income	71.6	109.4	-37.8	106.9	205.5	-98.6	100.7	229.0	-128.3
5.Government, n.i.e.,@	8.9	29.5	-20.6	4.0	31.6	-27.6	6.2	37.0	-30.8
6.Miscellaneous	300.1	252.6	+47.5	347.8	203.2	+144.6	209	261.3	-52.3
7.Transfer payments									
(i) Official	15.8	0.1	+15.7	16.7	-	+16.7	156.6	0.9	+155.7
(ii) Private	771.3	1.3	+770.0	526.6	2.0	+524.6	542.7	2.0	+540.7
Total Current Account (I+II+III)	6,477.2	8,210.1	-1,732.9	6,407.2	9,135.8	-2,728.6	6,688.1	8,573.2	-1,885.1
International Institutions									
I.Merchandise*	-	-	-	-	-	-	-	-	-
(i) Private	-	-	-	-	-	-	-	-	-
(ii) Government	-	-	-	-	-	-	-	-	-
II.Non-monetary Gold movement	-	-	-	-	-	-	-	-	-
III.Invisibles	103.7	758.9	-655.2	84.0	718.2	-634.2	107.5	800.7	-693.2
1.Foreign Travel	0.1	-	+0.1	0.2	-	+0.2	-	-	-
2.Transportation	0.4	-	+0.4	-	-	-	-	-	-
3.Insurance	-	-	-	-	-	-	-	-	-
4.Investment income	53.7	757.8	-704.1	81.9	706.2	-624.3	37.2	798.5	-761.3
5.Government, n.i.e.,@	11.0	-	+11.0	0.5	-	+0.5	26.9	0.5	+26.4
6.Miscellaneous	1.9	0.1	+1.8	1.3	0.8	+0.5	2.8	0.6	+2.2
7.Transfer payments									
(i) Official	36.6	1.0	+35.6	-	11.2	-11.2	40.6	1.1	+39.5
(ii) Private	-	-	-	0.1	-	+0.1	-	-	-
Total Current Account (I+II+III)	103.7	758.9	-655.2	84.0	718.2	-634.2	107.5	800.7	-693.2

See footnotes on page 239 and 242 ante.

## BALANCE OF PAYMENTS

Table 87-EXTERNAL ASSISTANCE-AUTHORISATION AND UTILISATION CLASSIFIED BY SOURCE (Rs.crores)

Source and type of assistance	Authorisation							
	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
1	2	3	4	5	6	7	8	9
I. Consortium Members								
(a) Loans	2,614.9	2,526.3	2,471.7	1,356.1	4,221.3	3,866.9	3,116.8	6,262.3
(b) Grants	68.8	175.7	363.8	330.6	302.2	313.4	378.0	888.0
Total	2,683.7	2,702.0	2,835.5	1,686.7	4,523.5	4,180.3	3,494.8	7,150.3
Country-wise Distribution								
(i) Austria								
(a) Loans	1.7	2.9	..	5.6	..	..	9.0	..
(b) Grants	..	..	..	..	..	..	..	..
Total	1.7	2.9	..	5.6	..	..	9.0	..
(ii) Belgium								
(a) Loans	..	10.5	7.4	6.9	..	..	..	..
(b) Grants	..	..	..	..	..	..	..	..
Total	..	10.5	7.4	6.9	..	..	..	..
(iii) Canada								
(a) Loans	65.8	108.5	..	37.0	196.8	2.7	..	9.8
(b) Grants	4.9	..	..	..	1.8	..	5.6	399.1
Total	70.7	108.5	..	37.0	198.6	2.7	5.6	408.9
(iv) Denmark								
(a) Loans	..	18.3	17.7	22.0	26.6	..	30.4	..
(b) Grants	..	..	..	3.8	..	..	..	48.7
Total	..	18.3	17.7	25.8	26.6	..	30.4	48.7
(v) France								
(a) Loans	182.0	126.4	243.3	..	32.8	143.7	87.3	166.5
(b) Grants	..	..	..	..	..	..	..	..
Total	182.0	126.4	243.3	..	32.8	143.7	87.3	166.5
(vi) Federal Republic of Germany								
(a) Loans	215.2	56.0	203.5	81.1	188.3	153.5	181.3	389.9
(b) Grants	..	..	..	2.8	..	..	..	1.1
Total	215.2	56.0	203.5	83.9	188.3	153.5	181.3	391.0
(vii) Italy								
(a) Loans	..	..	..	..	..	77.3	51.4	110.9
(b) Grants	..	..	39.1	..	..	..	..	..
Total	..	..	39.1	..	..	77.3	51.4	110.9
(viii) Japan								
(a) Loans	46.6	294.5	83.3	..	451.2	223.6	635.4	895.3
(b) Grants	15.0	15.9	15.8	8.6	16.1	16.1	32.3	24.8
Total	61.6	310.4	99.1	8.6	467.3	239.7	667.7	920.1
(ix) Netherlands								
(a) Loans	67.7	58.1	..	..	20.3	4.9	37.1	168.8
(b) Grants	22.1	21.3	..	77.7	..	..	36.5	5.2
Total	89.8	79.4	..	77.7	20.3	4.9	73.6	174.0
(x) Sweden								
(a) Loans	..	..	..	..	..	..	..	..
(b) Grants	..	72.7	..	45.6	..	106.4	..	159.6
Total	..	72.7	..	45.6	..	106.4	..	159.6
(xi) U.K.								
(a) Loans	..	..	..	..	..	..	..	..
(b) Grants	..	64.3	285.9	152.7	260.3	171.4	265.9	219.2
Total	..	64.3	285.9	152.7	260.3	171.4	265.9	219.2
(xii) U.S.A.								
(a) Loans	135.0	11.7	67.4	77.0	93.9	47.0	57.9	25.4
(b) Grants	26.8	1.5	23.0	39.4	24.0	19.5	37.7	30.3
Total	161.8	13.2	90.4	116.4	117.9	66.5	95.6	55.7
(xiii) I.B.R.D.	362.2	532.8	1,037.0	520.6	2,058.8	2,122.2	1,679.8	3,231.3
(xiv) I.D.A.	1,538.7	1,306.6	762.1	605.9	1,152.6	1,092.0	347.2	1,264.4

Source: Ministry of Finance

① Government account only.

## BALANCE OF PAYMENTS

Table 87-EXTERNAL ASSISTANCE-AUTHORISATION AND UTILISATION CLASSIFIED BY SOURCE-*contd.*

(Rs. crores)

Source and type of assistance	Authorisation							
	1980-81	1981-82	1982-83@	1983-84@	1984-85@	1985-86@	1986-87@	1987-88@
1	2	3	4	5	6	7	8	
II. U.S.S.R. and East European Countries								
Loans	485.7	..	..	144.6	..	1,134.0	2,055.5	1,162.7
Country-Wise Distribution								
U.S.S.R.								
Loans	485.7	..	..	144.6	..	1,134.0	2,055.5	1,162.7
III. Others								
(a) Loans	670.6	106.7	53.8	191.5	..	84.6	201.9	568.9
(b) Grants	7.0	31.7	59.5	56.3	168.5	..	51.5	174.2
Total	677.6	138.4	113.3	247.8	168.5	84.6	253.4	743.1
Country-Wise Distribution								
(i) Switzerland								
(a) Loans	..	..	..	48.6	..	..	..	..
(b) Grants	..	..	12.5	14.6	..	..	..	27.1
Total	..	..	12.5	63.2	..	..	..	27.1
(ii) European Economic Community/ United Nations Emergency Operations								
(a) Loans	..	..	..	..	..	..	..	..
(b) Grants	..	26.7	47.0	41.7	168.5	..	51.5	147.1
Total	..	26.7	47.0	41.7	168.5	..	51.5	147.1
(iii) O.P.E.C. Fund								
Loans	39.8	..	29.3	23.4	..	..	9.0	10.4
(iv) Saudi Arab Fund for Development								
Loans	..	29.2	..	30.7*	..	51.6	..	50.2
(v) Kuwait Funds for Arab Economic Development								
(a) Loans	..	77.5	..	52.1	..	30.8	..	..
(b) Grants	7.0	5.0	..	..	..	..	..	..
Total	7.0	82.5	..	52.1	..	30.8	..	..
(vi) International Fund for Agricultural Development								
Loans	13.9	..	24.5	36.7	..	..	..	15.9
(vii) Iraq								
Loans	82.9	..	..	..	..	..	..	..
(viii) IMF Trust Fund								
Loans	534.0	..	..	..	..	..	..	..
(ix) International Sugar Organisation								
Loans	..	..	..	..	..	2.2	..	..
(x) ADB								
Loans	..	..	..	..	..	..	192.9	492.4
GRAND TOTAL	3,846.9	2,840.4	2,948.8	2,079.1	4,692.0	5,398.9	5,803.7	9,056.1
(a) Loans	3,771.2	2,633.0	2,525.5	1,692.2	4,221.3	5,085.5	5,374.2	7,993.9#
(b) Grants	75.7	207.4	423.3	386.9	470.7	313.4	429.5	1,062.2

@ Government account only.

\* Saudi Riyal converted at end-September 1983 exchange rates.

## Notes:

i Constituent items may not add up to total because of rounding.

ii Amounts of authorisation and utilization in donor currencies have been converted into rupees at current exchange rates applicable to the dates of transaction.

iii Loan amounts are net of surrenders, de-obligations and cancellations etc.



Table 87-EXTERNAL ASSISTANCE-AUTHORISATION AND UTILISATION CLASSIFIED BY SOURCE-contd.

(Rs. crores)

Source and type of assistance	Utilisation							
	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
1	2	3	4	5	6	7	8	9
I. Consortium Members								
(a) Loans	1,687.1	1,471.4	1,793.9	1,860.8	1,765.5	2,270.2	2,957.6	4,291.6
(b) Grants	311.8	265.2	228.2	201.1	308.8	281.6	336.8	299.1
Total	1,998.9	1,736.6	2,022.1	2,061.9	2,073.8	2,551.8	3,294.4	4,590.7
Country-wise Distribution								
(i) Austria								
(a) Loans	2.0	4.0	2.8	2.2	2.3	3.6	1.7	..
(b) Grants	0.6	..	..	..	..	..	..	..
Total	2.6	4.0	2.8	2.2	2.3	3.6	1.7	..
(ii) Belgium								
(a) Loans	5.5	7.1	4.4	6.0	6.1	3.0	5.8	6.1
(b) Grants	..	..	..	..	..	..	..	..
Total	5.5	7.1	4.4	6.0	6.1	3.0	5.8	6.1
(iii) Canada								
(a) Loans	21.3	26.6	31.4	30.7	48.9	40.2	27.3	9.7
(b) Grants	..	..	..	..	..	..	..	16.9
Total	21.3	26.6	31.4	30.7	48.9	40.2	27.3	26.6
(iv) Denmark								
(a) Loans	2.9	6.8	21.6	11.5	17.4	10.8	17.6	21.8
(b) Grants	..	..	..	8.3	14.9	10.1	20.8	28.2
Total	2.9	6.8	21.6	19.8	32.3	20.9	38.4	50.0
(v) France								
(a) Loans	70.1	37.3	39.6	49.4	102.7	170.0	233.0	247.7
(b) Grants	..	..	..	..	..	..	..	..
Total	70.1	37.3	39.6	49.4	102.7	170.0	233.0	247.7
(vi) Federal Republic of Germany								
(a) Loans	142.3	126.6	135.4	115.0	125.6	145.4	260.2	256.4
(b) Grants	1.2	0.7	1.8	0.3	1.3	1.5	0.1	0.5
Total	143.5	127.3	137.2	115.3	126.9	146.9	260.3	256.9
(vii) Italy								
(a) Loans	..	..	..	..	8.7	11.9	31.3	93.4
(b) Grants	..	..	..	..	..	..	..	..
Total	..	..	..	..	8.7	11.9	31.3	93.4
(viii) Japan								
(a) Loans	62.0	25.8	111.9	129.3	52.4	157.8	384.9	607.7
(b) Grants	28.2	9.9	16.3	10.1	15.8	17.3	24.4	20.5
Total	90.2	35.7	128.2	139.4	68.2	175.1	409.3	628.2
(ix) Netherlands								
(a) Loans	72.5	85.6	32.0	38.9	16.6	45.8	49.9	79.4
(b) Grants	33.8	18.0	17.6	31.8	51.4	34.7	57.7	46.2
Total	106.3	103.6	49.6	70.7	68.0	80.5	107.6	125.6
(x) Sweden								
(a) Loans	..	..	..	..	..	..	..	..
(b) Grants	52.9	33.6	32.3	27.0	27.1	12.8	20.8	16.0
Total	52.9	33.6	32.3	27.0	27.1	12.8	20.8	16.0
(xi) U.K.								
(a) Loans	1.5	..	..	..	..	..	..	..
(b) Grants	195.2	202.8	159.9	121.6	187.5	194.8	199.7	131.2
Total	196.7	202.8	159.9	121.6	187.5	194.8	199.7	131.2
(xii) U.S.A.								
(a) Loans	82.4	69.6	29.2	74.1	41.8	59.9	113.4	83.3
(b) Grants	..	0.1	0.3	2.0	10.8	10.4	13.3	39.6
Total	82.4	69.7	29.5	76.1	52.6	70.3	126.7	122.9
(xiii) I.B.R.D.	138.8	376.9	286.5	485.7	344.0	394.6	800.7	1,658.7
(xiv) I.D.A.	522.0	692.9	1,085.1	899.7	979.9	1,198.0*	1,011.0	1,206.6

\* Revolving Fund Receipt of Rs. 309.27 crores included against IDA credits.

Table 87-EXTERNAL ASSISTANCE-AUTHORISATION AND UTILISATION CLASSIFIED BY SOURCE-concl'd.

(Rs.crores)

Source and type of assistance	Utilisation							
	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
1	2	3	4	5	6	7	8	9
(xv) EEC (Special Action Credit)	19.0	..	..	..	..	..	..	..
(xvi) IFAD	7.3	12.3	14.0	18.3	18.6	29.2	20.8	20.8
(XVII) IMF Trust Fund	537.5	..	..	..	..	..	..	..
II. U.S.S.R. and East European Countries								
U.S.S.R Loans	32.9	22.6	40.0	74.7	108.0	161.2	175.5	222.1
III. Others								
(a) Loans	45.3	25.3	76.5	28.7	90.3	63.8	42.8	61.4
(b) Grants	84.6	85.4	111.2	102.3	81.6	161.3	83.1	157.7
Total	129.9	110.7	187.7	131.0	171.9	225.1	125.9	219.1
Country-Wise Distribution								
(i) Abu Dhabi Fund								
Loans	2.0	..	..	..	..	..	..	..
(ii) Switzerland								
(a) Loans	0.3	..	..	..	..	3.4	5.0	3.7
(b) Grants	13.9	6.5	9.9	21.4	11.3	12.8	4.1	15.9
Total	14.2	6.5	9.9	21.4	11.3	16.2	9.1	19.6
(iii) Other International Institutions #								
Grants	..	..	..	21.6	21.0	41.9	18.5	67.7
(iv) E.E.C								
U.N.Emergency Operations								
Operation Grants	63.7	73.9	101.3	59.3	49.3	106.6	60.5	79.1
(v) Oil Producing Exporting Countries								
Loans	3.4	9.2	37.4	6.5	6.2	4.7	7.4	24.5
(vi) Saudi Arab Fund for Development								
Loans	13.0	6.0	12.4	2.4	3.0	0.2	7.4	0.9
(vii) Iraq								
Loans	0.7	..	..	..	..	..	..	..
(vii) Iran								
Loans	17.3	..	..	..	..	..	..	..
(ix) Kuwait Fund for Arab Economic Development								
Loans	8.6	10.1	25.5	18.0	80.0	53.4	23.0	10.8
Grants	7.00	5.00						
(x) International Sugar Organisation								
Loans	..	..	1.2	1.8	1.1	2.1	..	..
(xi) ADB loan	..	..	..	..	..	..	..	21.5
GRAND TOTAL	2,161.7	1,869.9	2,249.8	2,267.6	2,353.7	2,938.1	3,595.9	5,032.0
(a) Loans	1,765.3	1,519.3	1,910.4	1,964.2	1,963.3	2,495.2	3,175.9	4,575.2
(b) Grants	396.4	350.6	339.4	303.4	390.4	442.9	420.0	456.8

0 Grants received from Kuwait for the construction of Indoor Stadium for Asiad Games 1982.

# Other International Institutions includes UNICEF, UNDP, ILO, WHO, UNFPA and UNESCO.

Notes:

i Constituent items may not add up to totals because of rounding.

ii Utilisation figures are exclusive of suppliers' credit and commercial borrowings, but inclusive of non-government loans.

## RAILWAYS

This section includes tables providing statistics of passenger and goods traffic, revenue and expenditure and general working of Indian Railways. The statistics are collected by the Ministry of Railways from various Zonal Railways. Indian Railways are classified as Government and Non-Government Railways. The Government Railways are classified by zones as mentioned below:

(\*) Statistics pertaining to Non-Government Railways have been discontinued from 1978-79.

(i) Central, (ii) Eastern, (iii) Northern, (iv) North Eastern, (v) North East Frontier, (vi) Southern, (vii) South Central, (viii) South Eastern, (ix) Western.

The Indian Railways are also classified by gauges as Broad (1.676m.), Metre (1.000m) and Narrow (0.762m. & 0.610m) according to the distance between two rails in metres mentioned in brackets.

Table 88

This table provides the summary results of the general working of Indian Railways. The definitions of various terms used in this table are given below. ---

Route Kilometres: This represents the length of the railways route open for traffic at the end of each year. In calculating the length of the route, double or more than double lines are counted only once.

Gross Earnings and Working Expenses: Represent total earnings and expenses of railways in an accounting period irrespective of whether the earnings have been realised or expenses paid. Gross earnings include all earnings from passenger traffic, goods traffic, parcels, luggage and other miscellaneous sources of revenue; while working expenses include all expenses incurred for maintenance of structural works, supply of loco power, carriage and wagon stock, ferry steamers and harbours as well as the expenses of traffic departments, general electric service departments and other miscellaneous expenses.

Train Kilometres: This represents the kilometres run by trains carrying passengers or goods or both as well as the kilometres run by empty trains. No deduction is made for departmental trains.

Number of Passengers and Metric Tons carried- The figures represent the number of passengers and weight in metric ton of goods, originating on all railways, treating passengers travelling or goods carried over two or more railways as single journey.

Passenger Kilometre and Net Tonne: These figures represent the real indices of the volume of passengers and goods traffic handled. These are arrived at by multiplying the total number of passengers carried and the total Tonnage of goods carried by the respective number of kilometres, over which they are moved.

Table 89

This table provides data in respect of passenger and goods traffic and earning of the Government and Non-Government railways. Number of passengers carried and tonnage of goods carried unlike in table 90, represent total number of passengers and total tonnage of goods carried on individual railways, treating passengers travelling and goods carried over two or more railways as having performed two or more journeys.

Table 90

This table presents the capital at charge earnings and expenditure positions separately of the Government and Non-Government railways.

Table 91

This table provides the results of the financial working of Government railways, showing capital at charge, gross receipts, operating expenses, depreciation fund, reserve fund, net receipts etc.

Table 92

This table presents data relating to revenue, expenditure and their net of the railways for which Government is financially responsible. The revenue includes State Railways gross receipts, subsidised companies miscellaneous receipts, the expenditure includes State Railways' working expenses, subsidy paid to companies, miscellaneous expenditure, dividend on loan capital and payment to general revenue in lieu of tax on passenger fare.

Table 93

This table provides details of gross earnings of Indian Railways from passenger and goods traffic.

Table 94

(i) This table presents data regarding number of persons killed and injured according to nature of accidents, failures of railway equipment and un-usual occurrences. The figures exclude the persons killed or injured in railway workshops etc.

(ii) The figures are based on accident messages issued immediately after the occurrence of accidents etc., and do not take into account the deterioration in the health of affected persons (i.e., injuries culminating into fatalities) after hospitalisation etc.

(iii) Casualties from causes unconnected with railways working, such as death of passengers in carriages or at stations from natural causes, are excluded.

## RAILWAYS

Table 88-RAIWAYS STATISTICS-SUMMARY

Item	1950-51	1955-56	1960-61	1965-66	1970-71
1	2	3	4	5	6
Route open for traffic at the end of year in kilometres:					
Broad gauge (1.676 metres)	54,845	55,901	56,982	59,061	59,997
Metre gauge (1.000 metre)	25,257	25,978	26,676	28,571	29,449
Narrow gauge (0.762 metres and 0.610 metre)	24,185	24,631	25,168	25,523	25,865
	5,403	5,292	5,118	4,967	4,683
Capital at charge at the end of year (Rs. '000)	8,381,819	9,754,886	15,278,277	26,803,205	33,307,803
Gross earnings (RS.'000)	2,646,191	3,175,129	4,593,801	7,483,016	10,104,871
Working expenses (Rs.'000)	2,143,855	2,601,710	3,618,763	5,863,410	8,506,930
Net earnings (Rs.'000)	502,336	573,419	975,038	1,619,606	1,597,741
Percentage of working expenses to gross earnings	81.02	81.94	78.78	78.36	84.19
Percentage of net earnings on total capital at charge	5.99	5.88	6.38	6.03	4.79
No. of passengers carried ('000)(1)	1,307,791	1,297,355	1,613,886	2,104,852	2,440,483
A.C.	12	86	144	225	295
1st Class	14,674	(a)	34,600	69,225	78,060
2nd Class(2)	5,536	19,030(b)	11,137	12,021	9,782
Intermediate Class(2)	22,352	16,875			
3rd Class	1,285,217	1,261,364	1,568,005	2,023,381	2,352,346
Passenger kilometres (in crore kms)	6,706.5	6,289.8	7,806.1	9,675.6	11,830.9
Average rate charged per passenger per kilometre (paise)					
A.C.	9.55	10.62 (b)	10.70	13.60	18.50
1st Class	5.31	..	4.31	5.67	6.58
2nd Class	4.24	4.72	3.19	4.44	5.42
Intermediate class (2)	2.62	3.06	-	-	-
3rd Class	1.36	1.61	1.59	2.10	2.31
TOTAL Goods Carried ('000 tonnes)	93,822	117,123	157,643	204,150	197,257
Net tonne kilometres(in crore kms)	4,416	5,964	8,776	11,700	12,741
Average rate charged per tonne kilometre (paise)	3.57	3.54	3.88	4.57	5.43

Source: Railway Board,  
Ministry of Railways

See footnotes on page 252.

## RAILWAYS

Table 88-RAILWAYS STATISTICS-SUMMARY-contd.

Item	1975-76	1980-81(c)	1985-86	1986-87	1987-88
1	7	8	9	10	11
Route open for traffic at the end of year					
in kilometres-	60,438	61,240	61,836	61,812	61,976
Broad gauge(1.676 metres)	30,512	31,827	33,669	33,665	33,832
Metre gauge(1.000 metre)	25,427	25,167	23,921	23,901	23,898
Narrow gauge(0.762 metre & 0.610 metres)	4,999	4,246	4,246	4,246	4,246
Capital at charge at the end of year (Rs.'000)	43,774,319	62,089,572	95,234,106	109,028,157	122,518,409
Gross earnings (Rs.'000)	18,047,780	26,427,828	64,394,049	75,094,999	84,588,643
Working expenses (Rs.'000)	16,122,895	25,388,263	58,329,554	69,240,222	78,216,077
Net earnings (Rs.'000)	1,924,885	1,039,565	6,064,495	5,854,777	6,372,566
Percentage of working expenses to gross earnings	89.33	91.06	90.58	92.20	92.47
Percentage of net earnings of total capital at charge	4.41	1.78	6.68	5.64	5.48
No. of Passengers carried('000)(1)	2,947,477	3,612,722	3,433,463	3,593,700	3,792,146
A.C.	195	372	470	434	377
1st Class	75,424	108,991	115,696	120,033	125,265
A.C.Chair Car(3)	392	662	986	923	941
2nd Class(4)	2,871,466	3,502,697	3,316,311	3,472,310	3,665,563
Passanger Kilometres (in crores kms)	14,883.4	20,855.8	24,061.4	25,653.5	26,938.9
Average rate charged per passenger per kilometres(paise)					
A.C.	36.2	35.3	56.5	64.9	67.8
1st Class	11.2	12.7	20.8	22.6	24.4
A.C.Chair Car(3)	10.5	8.84	16.0	17.8	18.1
2nd Class(4)	3.17	3.63	6.55	6.95	6.98
TOTAL Goods Carried ('000 tonnes)(5)	223,294	220,021	286,376	307,310	318,511
Net tonnes kilometres (in crores kms)(5)	14,822	15,847	20,590	22,310	23,124
Average rate charged per tonne kilometere (paise)	8.12	10.5	21.5	22.3	26.2

(1) With effect from 1st April 1955 the pre-existing first class was abolished and the second and intermediate classes were re-named as first and second classes respectively.

(2) 2nd class/pre-April, 1955 intermediate class.

(3) Information relating to earlier years is included under 3rd Class.

(4) With effect from April 1st 1974 second class accommodation on passengers trains was abolished and the third class designated as second class.

(5) Includes non-revenue traffic also.

(a) Pre-April, 1955 second class.

(b) Pre-April, 1955 second class is now designated as first class.

(c) Pertains to Govt. Railways only. Excludes data pertaining to Metro Railway, Calcutta which came into operation in 1984-85 details from 1987-88 are: route kilometrage:9.8kms; originating/carried:157.84 lakhs; passenger kilometres: 1022 lakhs and earnings: Rs.195.66 lakhs.

## RAILWAYS

Table 88-RAILWAYS STATISTICS-SUMMARY--contd.

Item	1950-51	1955-56	1960-61	1965-66	1970-71
i	2	3	4	5	6
Railway staff employed at the end of year (7)	922,787	1,030,741	1,162,788	1,357,981	1,378,847
Open Line-(6)	919,364	1,026,555	1,151,026	1,333,626	1,365,097
Class I and II	2,393	3,039	4,075	5,833	7,423
Class III and IV	916,971	1,023,516	1,146,951	1,327,793	1,357,674
Construction	3,423	4,186	11,755	24,355	13,750
Class I and II	5	104	463	807	746
Class III and IV	3,418	4,082	11,292	23,548	13,004
Number of Persons killed on the railways :	4,117	4,322	5,502	5,957	5,066
Passengers	589	401	452	481	404
Railway servants	199	234	312	376	318
Others(8)	3,329	3,687	4,738	5,100	4,344
Rolling Stock (12)					
Locomotives					
Steam	8,120	9,026	10,312	10,613	9,387
Diesel	17	67	181	727	1,169
Electric	72	79	131	403	602
Railcars(13)(Internal combustion engine propelled)	87	96	116	90	85
Electric multiple unit coaches	460	574	846	1,355	1,750
Coaching Vehicles:					
Passenger carriages(11)(10)	13,022	15,388	20,062	22,714	24,591
Other vehicles	6,085	6,730	7,415	8,763	8,719
Goods Wagons(11)	205,596	240,756	307,907	370,019	383,990
(1) Broad gauge:					
(i) Covered wagons(11)	85,943	92,011	116,145	132,797	141,591
(ii) Open wagons(11)	51,825	54,205	66,985	874,441	84,605
(iii) Other wagons	18,505	22,609	33,243	48,169	56,208
(2) Other gauges	49,323	71,931	91,534	101,612	101,586
Trains kilometres ('000)					
Passenger train					
Steam	133,255	159,780	175,244	195,427	178,210
Diesel(9)	..	10	169	2,150	17,276
Electric	3,003	3,217	4,220	7,907	17,233
Goods train					
Steam	103,101	124,777	145,645	114,349	82,193
Diesel(9)	..	320	9,703	54,744	85,263
Electric	1,366	1,590	1,970	19,857	31,668
Mixed train					
Steam	23,656	22,051	17,593	15,428	14,929
Diesel(9)	..	65	68	645	241
Electric	..	..	..	..	169
TOTAL (Including departmental)					
Steam	277,109	320,921	359,997	351,759	290,816
Diesel(9)	..	499	9,964	57,656	102,952
Electric	4,387	4,812	6,273	27,932	49,168

See foot notes on page 254.

## RAILWAYS

Table 88-RAILWAYS STATISTICS-SUMMARY-concl'd.

Item	1975-76	1980-81	1985-86	1986-87	1987-88
1	7	8	9	10	11
Railway staff employed at the end of year (7)	1,460,409	1,574,371	1,615,640	1,613,791	1,620,126
Open line(6)	1,445,501	1,557,158	1,593,467	1,592,465	1,596,246
Class I and II	8,182	10,168	11,274	11,440	11,846
Class III and IV	1,437,319	1,546,990	1,582,193	1,581,025	1,584,400
Construction	14,908	17,213	22,173	21,326	23,880
Class I and II	1,019	1,155	1,394	1,485	1,540
Class III and IV	13,889	16,058	20,779	19,841	22,340
Number of persons killed on the railways (14)	5,593	3,275	1,852	1,647	1,769
Passengers	360	304	185	231	234
Railway servants	341	313	249	214	211
Others (8)	4,892	2,658	1,418	1,202	1,324
Rolling stock (12)					
Locomotives					
Steam	8,496	7,469	5,571	4,950	4,427
Diesel	1,803	2,403	3,046	3,182	3,298
Electric	796	1,036	1,302	1,366	1,436
Rail cars (internal combustion engine propelled)	83	68	34	35	29
Electric multiple unit coaches	2,217	2,625	2,965	2,988	2,979
Coaching Vehicles					
Passenger carriages (11) (10)	26,226	27,410	27,735	27,629	27,466
Other vehicles	8,295	8,230	7,543	7,336	7,275
Goods wagons: (11)	395,250	400,946	359,617	354,041	346,844
1 Broad gauge:					
(i) Covered wagons (11)	154,079	156,713	138,873	137,146	133,731
(ii) Open wagons (11)	103,354	107,362	98,907	99,594	99,811
(iii) Other wagons	42,759	45,119	47,143	46,668	46,465
2 Other gauges	95,058	91,752	74,694	70,633	66,837
Train kilometres ('000)					
Passenger train					
Steam	157,274	132,753	109,089	102,475	98,055
Diesel	35,662	72,460	115,786	119,006	124,629
Electric	23,284	39,867	51,739	53,919	59,687
Goods train					
Steam	59,764	27,233	9,915	69,335	5,031
Diesel	108,352	127,813	149,355	159,999	160,682
Electric	44,060	41,647	63,983	69,335	72,251
Mixed train					
Steam	14,232	14,442	14,020	12,665	11,116
Diesel	340	1,061	2,254	2,332	2,441
Electric	350	666	951	987	857
TOTAL (Including departmental)					
Steam	242,315	182,800	142,577	131,706	122,177
Diesel	145,043	202,100	268,755	282,636	289,159
Electric	67,815	82,326	117,345	124,853	133,673

(6) Includes staff on Non-Govt. Railways upto 1976-77.

(7) Including rail cars (steam propelled) upto 1965-66.

(8) Includes trespassers and suicides.

(9) Separately specified from 1955-56, formerly included under "Steam".

(10) Excluding military cars, dining cars, saloons (Royal and state) and reserved carriages for public which are included in "other vehicles" in the next item.

(11) Excluding vehicles used exclusively on railway service which are, however, included under "Other Vehicles".

(12) Figures of rolling stock relate to Government Railways only.

(13) Including staff on loan from the Indian Audit and Accounts Service (or Deptt.) and MTP/Railways

(14) Data relating to Non-Govt. Railways discontinued w.e.f. 1976-77. Also excludes data relating to Metro Railway Calcutta which came into operation in 1984-85, as also railway workshops, etc.



## RAILWAYS

Table 89- PASSENGERS AND GOODS CARRIED AND EARNINGS DERIVED THEREFROM BY RAILWAYS

Railway	Years	Number of passengers carried (1)	Earning from passengers carried	Load of goods carried	Earnings from goods carried
1	2	3	4	5	6
		(lakhs)	(Rs.lakhs)	(lakhs tonnes)	(Rs.lakhs)
GOVERNMENT RAILWAYS	1951-52	12,473	10,988	1,327	15,332
	1955-56	13,277	10,771	1,159	17,743(a)
	1960-61	16,647	13,159	1,562	28,048
	1965-66	20,824	21,917	2,031	45,235
	1970-71	24,313	29,549	1,965	60,067
	1975-76	29,453	51,412	2,233	109,574
	1980-81	36,127	82,747	2,200	155,093
	1985-86	34,335	171,939#	2,864	423,219
	1986-87	35,937	193,974#	3,073	499,070
	1987-89	37,921	205,810#	3,185	583,923
Broad Gauge(1.67m)					
Central		..	..	..	91,363
Eastern		..	..	..	70,038
Northern		..	..	..	95,236
North Eastern		..	..	..	5,020
Northeast Frontier		..	..	..	6,585
Southern		..	..	..	23,728
South Central		..	..	..	48,193
South Eastern		..	..	..	121,837
Western		..	..	..	71,347
Total(2)		..	..	..	533,347
Metro Gauge (1.000m)					
Northern		..	..	..	6,484
North Eastern		..	..	..	7,185
Northeast Frontier		..	..	..	6,827
Southern		..	..	..	5,421
South Central		..	..	..	6,073
Western		..	..	..	18,265
Total(2)		..	..	..	50,228
Narrow Gauge (0.762 m. and 0.610 m.)					
Central		..	..	..	43
Eastern		..	..	..	-
Northern		..	..	..	74
Northeast Frontier		..	..	..	-
Southern		..	..	..	-
South Eastern		..	..	..	217
Western		..	..	..	14
Total(2)		..	..	..	348
NON-GOVERNMENT RAILWAYS (3)	1951-52	291	154	14	63
	1955-56	222	105	14	49
	1965-66	227	115	13	72
	1970-71	94	55	8	62
	1975-76	23	22	5	65
	1976-77	10	12	5	73
	1977-78	2	3	5	69

Source: Railway Board,  
Ministry of Railways

- (1) Represent the total number of passengers carried in individual railways treating passengers; travelling over two or more railways as having performed two or more journeys. These remarks apply to metric tons carried also.
- (2) Excludes the element of duplication involved in number of passengers travelling over more than one railways.
- (3) Data relating to Non-Govt. Railways discontinued from 1978-79 onwards.
- (a) Includes Marmugao harbour earnings of Rs.23,93,000 for 1955-56.
- \* Excludes Rs.27.59 lakhs pertaining to Metro Railway, Calcutta for 1985-86, Rs. 122.58 lakhs for 1986-87, and Rs. 195.66 lakhs for 1987-88.

## RAILWAYS

Table 90-CAPITAL AT CHARGE, EARNINGS AND EXPENSES OF RAILWAYS

(amount: Rs.lakhs)

Railway	Year	Total capital at charge on open lines and on lines wholly or partly under construction (including ferries & suspense)	Gross earnings	Working expenses	Net earnings	Percentage of working expenses to gross earnings (%)	Percentage of net earnings on total capital at charge (%)
1	2	3	4	5	6	7	8
GOVERNMENT RAILWAY	1951-52	83,053	29,185	22,576	6,608	77.36	7.99
	1955-56	92,931	31,591	25,884	5,707	8.93	6.14
	1960-61	144,018 (a)	45,757	36,032	9,725	68.75	6.75
	1965-66	221,823 (a)	74,631	58,435	16,195	78.30	6.70
	1970-71	321,877	100,923	84,902	16,021	84.13	4.98
	1975-76	420,862	180,386	161,116	19,270	89.32	4.58
	1980-81	620,896	264,278	253,882	10,396	91.06	1.78
	1985-86	816,709	643,940	583,295	60,645	90.58	6.68
	1986-87	1,090,282	750,950	692,402	58,548	92.20	5.64
	1987-88	1,225,184	845,886	782,161	63,726	92.47	5.48
NON-GOVERNMENT RAILWAYS (1)	1951-52	631	229	181	47	79.42	5.47
	1955-56	408	160	133	27	83.11	6.65
	1960-61	510	181	155	25	86.10	6.13
	1965-66	404	199	199	-	99.63	0.16
	1970-71	326	124	167	(-)44	135.26	(-)13.38
	1975-76	307	92	113	(-)21	123.01	(-)6.90
GRAND TOTAL(2)	1951-52	86,157	29,414	22,758	6,656	77.37	7.73
	1955-56	97,549	31,751	26,017	5,734	81.94	5.88
	1960-61	152,783	45,938	36,188	9,750	78.78	6.38
	1965-66	268,032	74,830	58,634	16,196	78.36	6.03
	1970-71	333,078	101,047	85,069	15,977	84.19	4.79
	1975-76	437,743	180,478	161,229	19,249	89.33	4.41

Source: Railway Board,  
Ministry of Railways

(1) Data on Non-Government Railways discontinued w.e.f. 1978-79.

(2) Total capital at charge include the following amounts on account of manufacturing units and miscellaneous items.

Year	Rs.lakhs	Year	Rs.lakhs
1951-52	2,473	1985-86	91,397
1955-56	4,209	1986-87	115,489
1960-61	8,355	1987-88	152,731
1965-66	45,805		
1970-71	10,875		
1975-76	16,574		
1980-81	24,474		

(a) Includes capital outlay of worked lines.

## RAILWAYS

Table 91-FINANCIAL RESULTS OF GOVERNMENT RAILWAYS

(amount Rs.crores)

Item	1950-51	1955-56	1960-61	1965-66	1970-71
1	2	3	4	5	6
Route (in kilometres)	53,596	55,011	56,247	58,399	59,790
Capital at charge at the end of year(1)	827.0	975.4	1,527.8	2,680.3	3,330.8
Gross traffic Receipts	263.01	316.29	456.80	733.57	1006.69
Operating expenses	180.30	212.95	313.15	485.85	732.34
Depreciation fund	30.00	45.00	45.00	85.00	100.00
Pension fund	-	-	-	12.00	14.85
Payments to worked lines	0.25	0.27	0.09	0.19	0.15
Net traffic receipts	52.53	58.07	98.56	150.53	159.35
Net miscellaneous receipts after deducting miscellaneous charge & surplus profits payable to companies.	(-)4.97	(-)7.73	(-)10.69	(-)15.69	(-)14.62
Net revenue	47.56	50.34	87.87	134.84	144.73
Charges against net revenue receipts	32.51	36.12	55.86	116.28	164.58
Surplus/deficit	15.05	14.22	32.01	18.56	(-)19.85
Paid as contribution to general revenues (Dividend)	-	7.14	-	-	-
Transferred to railway reserve & betterment fund	15.05	7.08	35.59(a)	18.56	-
Percentage of working expenses(including depreciation fund) to gross traffic receipts	79.9	82.00	78.8	78.30	84.1
Percentage of net revenue to capital at charge	6.3	5.40	5.8	5.00	4.4

Item	1975-76	1980-81	1985-86	1986-87	1987-88
1	7	8	9	10	11
Route(in kilometres)(1)	60,231	61,240	61,836	61,813	61,976
Capital charge at the end of year(1)	4,377.4	6,209.0	9,523.4	10,902.8	12,251.8
Gross traffic receipts	1,767.01	2,624.02	6,428.10	7,505.66	843,525
Operating expenses	1,470.17	2,232.46	4,643.14	5,300.56	600,295
Depreciation fund	115.00	220.00	920.00	1,250.00	135,000
Pension fund	24.25	84.00	260.00	350.00	450.00
Payment to worked lines	0.20	(b)	-	-	-
Net traffic receipts	157.40	87.56	604.96	605.10	632.30
Net miscellaneous receipts after deducting miscellaneous charges and surplus profits payable to companies	(-)20.36	(+)39.93	(+)80.91	(+)75.74	(+)90.85
Net Revenue	137.03	127.49	685.87	680.84	723.15
Charges against net revenue receipts	198.14	325.36	507.04	578.85	638.86
Surplus/Deficit	(-)61.11	(-)197.87	(+)178.83	(+)101.99	+84.29
Paid as contribution to general revenues (Dividend)	-	-	-	-	-
Transferred to railway reserve & betterment fund	-	-	-	-	-
Percentage of working expenses(including depreciation fund) to gross traffic receipts	91.1	96.7	90.6	91.9	92.5
Percentage of net revenue to capital at charge	3.1	2.1	7.6	6.6	6.2

Source: Railway Board,  
Ministry of Railways

(1) Includes manufacturing units, independent projects and miscellaneous items.

(a) Includes Rs. 10.97 crores on account of loan from General Revenues for development works.

(b) Payment to worked lines have been taken under miscellaneous charges under the revised classifications from 1-4-1979.

## RAILWAYS

TABLE 92-REVENUE ACCOUNT OF THE RAILWAYS IN RESPECT OF WHICH  
GOVERNMENT IS FINANCIALLY RESPONSIBLE

(amount: Rs.lakhs)

Year	Revenue Account		Gain(+)or loss(-) to State
	Revenue	Expenditure	
1	2	3	4
1950-51 . . . . .	26,329.94	24,824.63	(+)41,505.31
1955-56 . . . . .	31,633.45	30,211.36	(+)14,220.90
1960-61 . . . . .	46,043.00	42,841.58	(+)3,201.42
1965-66 . . . . .	73,375.94	71,519.71	(+)1,856.23
1970-71 . . . . .	100,695.29	102,679.66 (a)	(-)1,984.37
1975-76 . . . . .	177,550.71	183,662.07	(-)6,111.36
1980-81 . . . . .	270,348.60	290,135.13	(-)19,786.53
1985-86 . . . . .	659,066.99	641,184.01	(+)17,882.98
1987-88 . . . . .	86,794,535	859,517.48	(+)8,428.87

Source: Railway Board,  
Ministry of Railways

(a) Rs. 1,842.33 lakhs in 1970-71 on account of payment in lieu of tax on passenger fares and safety works.

## Notes:

- i. Item included under "Revenue" are: State railways gross traffic receipts, subsidised companies (Government share surplus profits etc.) and Railway miscellaneous receipts.
- ii. Items included under "Expenditure" are: State railways working expenses, subsidy paid to companies, etc. miscellaneous expenditure, dividend on loan capital & payment to General Revenue in lieu of tax on Passenger fare.

## RAILWAYS

Table 93-DETAILS OF GROSS TRAFFIC EARNINGS

(amount:Rs.lakhs)

Item	1950-51	1955-56	1960-61	1965-66	1970-71
1	2	3	4	5	6
(1) COACHING TRAFFIC:	11,596.99	12,966.91	15,978.16	25,978.16	35,817.39
(A) Passenger Traffic	9,912.72	10,875.48	13,251.76(a)	22,032.20	29,604.37
(i) A.C.	12.99	87.51	118.08	199.05	322.5
(ii) 1st class	252.54	(b)	833.72	1,687.81	2,314.00
(iii) 2nd class	454.48	588.01(c)	574.22	879.03	934.29
(iv) Inter class	656.06	612.22(d)	-	-	-
(v) Third class	8,545.65	9,587.74	11,833.98	19,266.31	2,6033.58
(B) Other Coaching Traffic	1,675.27	2,091.43	2,726.40	3,946.46	6,213.02
(2) GOODS TRAFFIC(1)	14,373.53	18,101.29	26,694.33	46,620.52	61,884.81
(3) ELECTRIC TELEGRAPH EARNINGS	10.19	4.56	4.38	4.75	8.06
(4) OTHER MISCELLANEOUS EARNINGS	481.20	678.53	1,261.14	2,226.23	3,336.45
TOTAL GROSS EARNINGS	26,461.91	31,751.29	48,938.01	74,830.16	101,046.71

Item	1975-76	1980-81@	1985-86@	1986-87@	1987-88
1	7	8	9	10	11
(1) COACHING TRAFFIC:	60,379.78	94,318.53	193,013.32	223,443.88	231,476.90
(A) Passenger Traffic	51,434.46	82,747.40	171,967.20	194,096.37	206,085.85
(i) A.C.	436.88	724.09	1,672.42	1,559.89	1,448.52
(ii) 1st class	4,865.30	4,386.52	17,243.86	19,232.39	18,995.25
(iii) A.C. chaircar	428.98	562.95	1,681.59	1,539.17	3,880.63
(iv) 2nd class(Third class pre-April 1974)	45,703.30	73,073.84	151,369.33	171,764.92	181,681.45
(B) Other Coaching Traffic	8,945.32	11,571.13	21,046.12	29,347.49	25,471.05
(2) GOODS TRAFFIC(1)	115,091.58	161,752.17	437,637.91	513,323.64	598,195.70
(3) ELECTRIC TELEGRAPH EARNINGS	8.79	14.76	..	..	..
(4) OTHER MISCELLANEOUS EARNINGS	4997.65	8192.82	13,289.26	14,182.48	16,213.83
TOTAL GROSS EARNINGS #	180,477.80	264,278.28	643,940.49	750,949.98	845,886.43

Source: Railway Board,  
Ministry of Railways

- (1) Goods earnings include earnings from demurrage wharfage, etc. while earnings from goods carried referred to in the table No.94 do not include these items.
- (a) Includes debit adjustment of Rs.108.23 lakhs relating to previous year which is not reflected in the breakdown of class-wise earnings.
- (b),(c),(d): Please see foot notes (1), (2) and (3) at page 252 ante respectively.

@ Pertains to Government Railways only as data relating to Non-Government Railways discontinued from 1978-79 onwards.

Excludes Rs. 1.64 crores on account of adjustment on North Frontier Railway in the year 1983-84 and Rs.1.89 crores in 1984-85 and also excludes Rs.14.66 lakhs for 1984-85 pertaining to Metro Railway, Calcutta.

## RAILWAYS

Table 94-NUMBER OF PERSONS KILLED AND INJURED ACCORDING TO NATURE OF ACCIDENTS

	1950-51		1955-56(a)		1960-61		1965-66		1970-71	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
1	2	3	4	5	6	7	8	9	10	11
A. PASSENGERS	589	4,209	401	3,292	452	3,333	481	3,419	404	2,252
In train accidents, failures of railway equipment and misc. accidents	174	745	17	268	28	253	51	543	32	354
In unusual occurrences caused by movement of railway vehicles exclusive of train accidents etc.	414	3,436	383	2,867	411	3,062	422	2,864	364	1,880
In unusual occurrences on railway premises not connected with the movement of railway vehicles	1	28	1	157	13	18	8	12	8	18
B. RAILWAY SERVANTS	199	25,370	234	23,123	312	26,677	376	20,894	318	15,940
In train accidents, failures of railway equipment and misc. accidents	26	261	28	203	11	270	45	235	13	141
In unusual occurrences caused by movement of railway vehicles exclusive of train accidents etc.	151	5,997	161	5,205	252	6,006	261	4,182	258	3,428
In unusual occurrences on railway premises not connected with the movement of railway vehicles	22	19,112	45	17,715	49	20,401	70	16,477	47	12,361
C. OTHER PERSONS (1)	3,329	2,133	3,687	2,355	4,738	2,576	5,100	2,837	4,344	2,285
In train accidents, failures of railway equipment and misc. accidents	92	119	34	115	36	273	31	479	98	298
In unusual occurrences caused by movement of railway vehicles exclusive of train accidents etc.	3,219	1,955	3,644	2,125	4,663	2,259	5,028	2,312	4,202	1,917
In unusual occurrences on railway premises not connected with the movement of railway vehicles	18		9	115	39	44	41	46	44	70
GRAND TOTAL	4,117	31,712	4,322	28,770	5,502	32,586	5,957	27,150	5,066	20,477

Source: Railway Board,  
Ministry of Railways,

(1) Includes other persons killed and injured due to trespass or suicides.

(a) Excludes figures for Bengal, Provincial, Jagadhari and Barraset Basirhat Light Railways.

## RAILWAYS

Table 94-NUMBER OF PERSONS KILLED AND INJURED ACCORDING TO NATURE OF ACCIDENTS-contd.

1	1975-76		1980-81		1985-86		1986-87		1987-88	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
1	12	13	14	15	16	17	18	19	20	21
A.PASSENGERS	360	1,495	304	1,332	185	702	231	831	234	626
In train accidents, failures of railway equipment and misc. accidents	38	275	118	532	77	306	119	445	103	247
In unusual occurrences caused by movement of railway vehicles exclusive of train accidents etc.	314	1,209	183	800	106	395	110	386	128	379
In unusual occurrences on railway premises not connected with the movement of railway vehicles	8	11	3	-	2	1	2	-	3	-
B.RAILWAY SERVANTS	341	15,855	313	10,511	249	6,500	214	5,418	211	4,417
In train accidents, failures of railway equipment and misc. accidents	25	211	52	206	14	64	38	111	19	79
In unusual occurrences caused by movement of railway vehicles exclusive of train accidents etc.	271	3,762	225	3,114	184	1,746	153	1,397	148	1,252
In unusual occurrences on railway premises not connected with the movement of railway vehicles	45	11,882	36	7,191	51	4,690	23	3,910	44	3,086
C.OTHER PERSONS (1)	4,892	2,426	2,658	1,312	1,418	1,016	1,202	908	1,324	1,217
In train accidents, failures of railway equipment and misc. accidents	175	444	77	243	134	332	121	254	94	153
In unusual occurrences caused by movement of railway vehicles exclusive of train accidents etc.	4,691	1,978	2,579	1,069	1,282	674	1,076	652	1,220	1,017
In unusual occurrences on railway premises not connected with the movement of railway vehicles	26	4	2	-	2	10	5	2	10	47
GRAND TOTAL	5,593	19,776	3,275	13,155	1,852	8,218	1,647	7,157	1,769	6,260

(1) Includes other persons killed and injured due to trespass and suicides.

Note: Data relating to Non-Government Railways discontinued w.e.f 1976-77. Also excludes data relating to Metro Railway, Calcutta which came into operation in 1984-85.

## ***MOTOR VEHICLES***

**M**otor Transport in India, is primarily the responsibility of the State Governments and UT Administrations. Taking into account the changes in the road transport technology, pattern of passenger and freight movements, development of the road net work in the country and particularly the improved techniques in the motor vehicles management, the Motor Vehicles Act, 1939 was consolidated and amended by parliament called Motor Vehicles Act, 1988. The said Act empowers the Central Government to frame rules under certain provisions of the Act. This Act also empowers the State Governments and Union Territory Administrations to frame the rules under the relevant provisions of the Act for regulating the motor vehicle transportation in India.

Table 95

Number of Motor Vehicles Registered in India as on 31st March of each year- The figures shown in the table represent the number of motor vehicles on road. For 1951, it includes only motor vehicles taxed. For 1955-56 1960-61 and 1965-66 the data is for motor vehicles taxed and tax exempted. The data for 1970-71 includes taxed, tax exempted and temporarily withdrawn vehicles.

Table 96

State Revenue from Road Transport and Central Revenue from Road Transport are given in tables 96(A) and 96(B) respectively. The Central revenue consists of import duty and excise duty on motor vehicles and accessories, tyres and tubes and motor fuel. The State Revenue consists of motor vehicle taxes and fees levied, sales tax on motor spirits and taxes on passengers and goods carried. The sales tax on motor spirits are levied at varying rates under varying conditions different States. In some cases, the levy on motor spirit made under the Central Sales Tax Act and in other cases, special Motor Sales Tax Act. Taxes on passenger and goods carried by road or on inland waterways under entry 56 of List II of the Seventh Schedule of the Constitution of India are levied in Andhra Pradesh, Assam, Bihar, Gujarat, Kerala, Madhya Pradesh, Maharashtra, Karnataka, Orissa, Punjab, Rajasthan, West Bengal and Himachal Pradesh.

Table 97

The table gives the number of commercial vehicles (stage carriages and trucks) plying on inter-state routes with regular permits.

Table 98

Almost all the major States and UTs of India have nationalised public passenger transport bus service with a view to ensuring economy and efficient administration. The nationalisation of road transport is mostly confined to the passenger traffic so far.



## MOTOR VEHICLES

Table 95—NUMBER OF MOTOR VEHICLES REGISTERED IN INDIA  
(As on 31st March)

Year/State	Two-wheelers	Auto-rick-shaws	Jeeps	Cars	Public service vehicles			Goods vehicles	Miscellaneous	Total no. of vehicles
					Taxis	Buses				
1	2	3	4	5	6	7	8	9	10	
1950-51	26,860	..	..	147,712	11,551	34,411	81,888	3,891	306,313	
1955-56	40,961	..	..	187,866	15,318	46,461	119,097	15,857	425,560	
1960-61	88,360	6,235	31,670	256,243	21,663	56,792	167,649	35,863	664,475	
1965-66	225,631	16,070	60,901	359,195	35,725	73,175	258,977	69,369	1,099,043	
1970-71	575,893	36,765	82,584	539,475	60,446	93,907	342,577	133,668	1,865,315	
1975-76	1,045,428	59,445	94,132	601,823	80,429	114,193	364,671	309,178	2,679,299	
1980-81	2,528,364	142,033	18,549	898,143	100,009	153,757	564,843	667,315	5,173,013	
1985-86	6,264,304	336,911	188,298	1,350,038	171,524	227,608	915,176	1,027,235	10,481,138	
1987-88	9,155,244	426,093	339,685	1,675,218	204,574	2,604,024	1,176,587	1,320,635	14,558,060	
1988-89	10,685,000	508,901	349,452	1,723,963	210,585	293,000	1,140,000	1,577,099	16,488,000	
1986-87										
State:										
Andhra Pradesh	526,687	21,453	13,780	45,246	6,754	10,596	50,668	31,605	706,789	
Assam	73,065	2,555	10,837	23,753	3,973	5,499	39,835	3,105	162,622	
Bihar	289,822	7,366	27,128	54,956	15,895	18,775	89,724	65,605	569,271	
Gujarat	798,319	84,767	25,766	85,150	6,614	21,959	87,093	129,473	1,239,141	
Haryana	140,614	4,267	4,034	10,636	308	3,644	29,756	104,412	297,671	
Himachal Pradesh	19,623	555	4,234	3,121	768	3,450	10,810	2,614	45,175	
Jammu & Kashmir	32,796	2,742	4,298	9,605	3,024	5,620	11,375	3,567	73,027	
Karnataka	597,739	32,067	17,521	102,397	7,031	19,508	48,533	74,979	899,775	
Kerala	159,863	35,838	17,012	89,023	32,458	16,704	51,284	12,128	414,310	
Madhya Pradesh	495,170	19,636	-	49,415	-	14,765	50,594	86,015	715,595	
Maharashtra	1,093,170	87,576	52,363	291,343	40,592	22,851	161,311	92,180	1,841,386	
Manipur	15,144	416	2,498	839	-	814	2,861	614	23,186	
Meghalaya	3,032	-	2,612	2,429	984	757	3,022	1,366	14,202	
Nagaland	1,854	106	2,351	858	54	34	2,338	506	8,101	
Orissa	119,678	692	8,555	9,530	740	2,405	18,250	4,876	164,726	
Punjab	532,042	8,122	9,088	39,438	3,161	7,589	39,444	223,610	862,494	
Rajasthan	329,067	8,473	28,931	20,068	2,559	10,573	30,124	66,798	496,593	
Sikkim	-	-	351	69	151	13	60	1,530	2,174	
Tamil Nadu	540,686	17,178	7,819	97,659	20,721	24,047	66,227	41,922	816,259	
Tripura	3,632	152	992	2,364	413	716	3,440	906	12,615	
Uttar Pradesh	702,682	14,082	27,236	54,229	7,187	20,300	55,414	205,660	1,086,787	
West Bengal	223,709	3,146	-	187,824	22,477	17,721	82,718	24,706	562,301	
Union Territory:										
A. & N. Islands	2,828	5	264	381	115	141	739	360	4,833	
Arunachal Pradesh	179	-	-	114	-	18	191	..	502	
Chandigarh	131,725	1,960	-	16,385	397	888	3,646	1,415	156,416	
D. & N. Haveli	235	7	26	47	14	17	60	18	424	
Delhi	770,110	34,617	-	211,774	8,808	14,766	71,589	..	1,111,664	
Goa, Daman and Diu	53,625	889	-	11,244	1,743	1,593	11,229	4,122	84,445	
Lakshadweep	-	-	-	-	-	-	-	-	-	
Mizoram	1,016	-	2,661	398	184	259	844	105	5,467	
Pondicherry	41,306	302	279	6,538	435	1,089	1,252	1,280	52,481	

Source: Transport Research Division,  
Ministry of Surface Transport

## MOTOR VEHICLES

Table 96- REVENUE FROM ROAD TRANSPORT  
(Year ending 31st March)

(Rs. lakh)

Year/State	(A) State Revenue				Total (A)
	Motor vehicle taxes & fees	Sales tax on motor spirit fuel	Taxes on pass- engers and goods carried		
1	2	3	4	5	
1950-51	..	1,244	11		1,255
1955-56	1,385	894	304		2,583
1960-61	2,988	1,691	845		5,524
1965-66	6,176	3,151	3,346		12,673
1970-71	10,767	6,321	6,048		23,136
1975-76	20,976	9,195	16,050		46,221
1980-81	35,628	15,447	23,964		75,039
1985-86	83,553	32,200	39,568		155,321
1986-87	100,022	43,000*	43,645		186,667
1987-88	113,550	48,220	60,170		221,940
1986-87					
State:					
Andhra Pradesh	11,546	..	2,776		14,322
Assam	821	..	504		1,325
Bihar	4,757	..	-		4,757
Gujarat	5,343	..	5,399		10,742
Haryana	1,349	..	7,727		9,076
Himachal Pradesh	290	..	985		1,275
Jammu & Kashmir	539	..	..		539
Karnataka	13,478	..	-		13,478
Kerala	5,176	..	-		5,176
Madhya Pradesh	6,097	..	1,999		8,096
Maharashtra	11,289	..	9,612		20,901
Manipur (1)	31	..	..		31
Neghalaya	171	..	..		171
Nagaland	103	..	-		103
Orissa	3,180	..	7		3,187
Punjab	2,327	..	4,514		6,841
Rajasthan	8,420	..	394		8,814
Sikkim	2	..	-		2
Tamil Nadu	14,496	..	-		14,496
Tripura	60	..	-		60
Uttar Pradesh	4,730	..	9,599		14,329
West Bengal	3,805	..	-		3,805
Union Territory:					
A. & N. Islands	3	..	-		3
Arunachal Pradesh	49	..	-		49
Chandigarh	..	..	..		..
D. & N. Haveli	17	..	-		17
Delhi	1,370	..	-		1,370
Goa, Daman and Diu	394	..	129		523
Lakshadweep	-	..	-		-
Mizoram	28	..	-		28
Pondicherry (2)	151	..	-		151

Source: Transport Research Division,  
Ministry of Surface Transport

(1) Data relates to 1980-81. (2) Data relates to 1983-84.

\* Statewise breakup is not available.

Note: Totals may not tally due to rounding off of figures.

## MOTOR VEHICLES

Table 96- REVENUE FROM ROAD TRANSPORT-contd.  
(Year ending 31st March)

(Rs. lakhs)

(B) Central Revenue								
Year	Motor vehicles and accessories		Tyres and tubes		Motor spirit fuel (1)		Total (B)	Grand Total (A+B)
	Import duty	Excise duty	Import duty	Excise duty	Import duty	Excise duty		
1	2	3	4	5	6	7	8	9
1950-51	944	-	7	395	1,941	195	3,482	4,737
1955-56	1,021	-	12	560	710	2,259	4,562	7,145
1960-61	1,480	1,050	90	1,337	750	6,463	11,170	16,694
1965-66	2,692	2,077	18	2,885	2,943	16,616	27,231	39,904
1970-71	1,426	2,798	103	5,490	436	34,928	45,181	68,317
1975-76	5,475	8,228	144	13,449	2,989	64,765	95,050	141,271
1980-81	5,273	25,045	158	28,825	11,468	71,532	142,301	217,340
1985-86	19,840	48,230	..	49,290	13,810	131,180	262,350	417,670
1986-87	25,090	63,480	..	52,050	..	141,070	281,690	468,357
1987-88(P)	23,470	68,940	..	55,660	..	158,670	306,740	528,680

(1) Includes duties on High Speed Diesel Oil from 1972-73 onwards.

## MOTOR VEHICLES

Table 97-NUMBER OF MOTOR VEHICLES PLYING ON INTER-STATE ROUTES WITH REGULAR PERMITS  
(As on 31st March)

Year/State	Stage Carriages	Trucks	Total
1	2	3	4
1970-71	3,150	42,494	45,644
1973-74	5,046	42,185	47,231
1974-75	4,847	41,794	46,641
1975-76	5,350	49,998	55,348
1979-80	6,412	69,265	75,677
1980-81	6,509	76,525	83,034
1981-82	7,077	71,907	78,984
1982-83	6,949	78,190	83,139
1983-84	8,361	97,478	105,839
1984-85	11,803	135,524	147,327
1984-85			
State:			
Andhra Pradesh (1)	1,609	13,280	14,889
Assam (1)	109	1,195	1,304
Bihar	65	2,383	2,448
Gujarat	140	5,938	6,078
Haryana (1)	2,784	19,763	22,547
Himachal Pradesh	..	..	..
Jammu & Kashmir	136	1,492	1,628
Karnataka	614	15,180	15,794
Kerala	203	4,900	5,103
Madhya Pradesh	..	..	..
Maharashtra	485	15,346	15,831
Manipur	..	..	..
Meghalaya	-	573	573
Nagaland	45	1,259	1,304
Orissa	56	3,080	3,136
Punjab	595	3,833	4,428
Rajasthan	575	4,095	4,670
Tamil Nadu(3)	396	1,685	2,081
Tripura	-	654	654
Uttar Pradesh	401	3,766	4,167
West Bengal	..	..	..
Union Territory:			
A. & N. Islands	-	-	..
Arunachal Pradesh	..	..	..
Chandigarh(2)	-	2,294	2,294
D. & N. Haveli	-	77	77
Delhi	3,329	32,290	35,619
Goa,Daman and Diu	58	824	882
Lakshadweep	-	-	-
Mizoram	43	341	384
Pondicherry (1)	160	1,276	1,436

Source: Transport Research Division,  
Ministry of Surface Transport

(1) Data relates to 31.3.1984.

(2) Data relates to 31.3.1983.

(3) Data relates to 31.3.1982.

## MOTOR VEHICLES

Table 98-WORKING OF STATE TRANSPORT UNDERTAKINGS

(Year ending 31st March)

Year/State	Fleet strength (Buses) (nos.)	Vehicles in bus scheduled service (nos.)	Kilometers performed (lakh kms.)	Gross revenue receipts (Rs. lakhs)	Current expenditure (total operating cost) (Rs. lakhs)	Net revenue (Rs. lakhs)
1	2	3	4	5	6	7
1957-58	14,133	8,747	5,641	4,468	3,843	624
1960-61	17,972	12,982	8,581	7,432	6,590	842
1965-66	26,495	19,780	14,382	15,116	14,475	641
1970-71	36,328	27,794	21,363	27,760	28,277	(-)516
1975-76	50,265	37,774	32,200	58,575	62,646	(-)4,071
1980-81	..	..	..	..	..	..
1985-86	82,838	..	..	271,094	313,876	(-)42,782
1986-87	85,956	..	..	315,576	356,693	(-)41,117
1987-88	90,155	78,508	3,380,465	363,674	392,911	(-)29,237
1988-89	94,445	83,517	3,657,769	401,770	441,301	(-)39,531
1988-89						
State:						
Andhra Pradesh	10,571	10,156	454,852	50,398	48,379	(+)2,019
Arunachal Pradesh	..	..	..	..	..	..
Assam	859	567	16,272	1,632	2,434	(-)802
Bihar	1,609	828	19,663	2,136	4,524	(-)2,388
Goa (7)	197	169	6,577	685	713	(-)28
Gujarat (1)	8,181	6,991	293,935	33,501	36,671	(-)3,170
Haryana	3,116	2,960	-	16,909	16,487	(+)422
Himachal Pradesh	1,334	1,248	30,809	3,654	4,652	(-)998
Jammu & Kashmir	964	507	15,344	2,180	2,876	(-)696
Karnataka	8,240	7,179	306,758	35,559	36,059	(-)500
Kerala	3,099	2,541	131,244	12,728	14,125	(-)1,397
Madhya Pradesh	2,896	2,544	77,567	9,845	11,237	(-)1,392
Maharashtra (2)	15,533	13,422	595,016	73,009	75,272	(-)2,263
Manipur	101	39	721	173	183	(-)10
Mizoram	91	66	422	..	..	..
Meghalaya	131	95	161,330	278	517	(-)239
Nagaland	181	112	1,476	232	446	(-)214
Orissa(3)	988	796	27,154	2,978	3,763	(-)7.95
Punjab(4)	3,479	3,172	116,320	9,047	12,080	(-)3,033
Rajasthan	3,117	2,778	109,980	13,409	13,301	(+)108
Sikkim	..	..	..	..	..	..
Tamil Nadu (5)	16,688	10,901	607,765	58,801	6,130	(-)2,499
Tripura	148	72	1,490	153	309	(-)156
Uttar Pradesh	7,171	6,301	186,498	22,347	22,343	(+)4
West Bengal (6)	1,892	1,248	36,789	3,174	6,765	(-)3,591
Union Territory:						
A. & N. Islands	106	73	1,731	..	..	..
Chandigarh(8)	312	300	9,455	818	1,065	(-)247
Delhi (9)	4,171	3,443	171,296	10,028	17,410	(-)7,382

Source: Transport Research Division,  
Ministry of Surface Transport

- (1) Relates to Gujarat SRTC, Ahmedabad MTS & Jamnagar MT.  
 (2) Relates to Maharashtra SRTC, BEST Undertaking, Kolhapur MTU, Pune MT, Pimpri-Chin. MT: & Solapur MTU.  
 (3) Relates to Orissa RTC & Orissa R.T.Co. Ltd.  
 (4) Relates to Pepsu RTC, S.T. Punjab, Amritsar Nigam Tpt. & Ludhiana MTC.  
 (5) Relates to Anna TCL, Anai Sathya TCL, Cheran TCL, Cholan R/WCL, Jeeva TCL, Kattabomman TCL, Marudhu Pandiyar TCL, Nesamony TCL, Dheeran Chinnamalai TCL, Rani Mangamal TCL, Pandiyan R/WCL, Pattukkottai Azhagiri TCL, Thanthai Periyar TCL, Thiruvalluvar TCL & Pallavan TCL.  
 (6) Relates to South Bengal STC, North Bengal STC & Calcutta STC. (7) Relates to Kadamba TCL only.  
 (8) Relates to Chandigarh TU only. (9) Relates to DTC, Delhi only.

## ***ROADS***

**T**he road length of highways consists of the route lengths of highways running through the length and breadth of the large administrative areas of districts, states and the country, connecting all urban areas/centres of traffic.

(a) National highway is a highway which is declared as such under the National highways Act, 1956.

(b) State highway is a highway which is declared as such by a State Government.

(c) Other highways are those highways which are maintained by State Public Works Departments (except National highways and State highways), District Board/Zila Parishad, village Panchayats and Panchayat Samities/C.D. Blocks.

### Table 100

The data on urban road length shown in this table relate to roads constructed and maintained by municipalities, by Railways within railway Colonies, by Port Authority in the Port Areas and by Military Engineering Service in Cantonment areas.

### Table 101

The road lengths given here include the lengths of access roads within project areas for the exploitation of resources such as forests, hydro-powers, sugarcane, irrigation, coal, etc.

### Table 102

Width-wise Length of National and State highways—roads are classified as single lane, double lane or multilane, according as the carriageway width of the roads (other than that in hilly terrain) is below 7 metres, 7 to 10.5 metres and above respectively as per standards laid down by Indian Road Congress.

### Table 103

The table indicates growth of National highways and expenditure thereon since 1950-51.

## ROADS

Table 99-LENGTH OF HIGHWAYS BY AUTHORITIES

(kilometres)

Year/State	National Highways		State Highways		Other PWD Roads		Zilla Parishad Roads	
	Total	Surfaced	Total	Surfaced	Total	Surfaced	Total	Surfaced
1	2	3	4	5	6	7	8	9
1977-78	29,311	28,977	93,225	87,956	378,923	274,160	257,087	64,414
1978-79	29,382	29,048	93,208	88,065	395,474	287,778	260,981	72,051
1979-80	29,467	29,291	95,150	90,232	413,215	299,956	266,301	79,867
1980-81	31,671	31,500	94,359	90,250	421,845	301,230	273,468	89,416
1981-82	31,777	31,658	94,654	90,881	436,882	314,644	279,970	99,500
1982-83	31,767	31,700	96,969	93,429	455,174	326,116	284,730	106,533
1983-84	31,817	31,708	97,041	93,781	463,210	338,322	287,883	113,011
1984-85	31,817	31,708	99,227	95,956	482,833	359,992	289,781	120,135
1985-86	32,687	31,911	100,393	96,950	492,481	369,868	296,924	132,951
1986-87(P)	32,687	31,911	104,732	97,417	499,443	378,862	298,481	135,631
1984-85								
State:								
Andhra Pradesh	2,352	2,352	7,050	7,050	24,997	22,314	42,176	19,344
Assam	2,227	2,227	1,725	1,232	20,706	2,209	..	..
Bihar	2,188	2,138	4,191	4,191	11,152	10,391	47,010	8,878
Gujarat	1,421	1,421	9,285	9,088	2,121	2,016	42,654	32,613
Haryana	655	655	3,136	3,134	18,099	15,871	..	..
Himachal Pradesh	589	589	3,327	2,053	14,676	2,031	..	..
Jammu & Kashmir	593	593	688	529	7,671	5,561	..	..
Karnataka	1,983	1,963	7,912	7,912	56,676	44,598	..	..
Kerala	839	839	2,079	2,079	15,589	12,958	..	..
Madhya Pradesh	2,756	2,756	11,655	11,268	60,008	41,793	..	..
Maharashtra	2,939	2,939	19,060	18,490	17,694	14,014	107,279	46,968
Manipur	434	434	527	5,242	3,032	1,243	..	..
Meghalaya	462	462	-	-	4,205	1,255	..	..
Nagaland	113	113	398	398	4,604	603	..	..
Orissa	1,624	1,585	2,834	2,823	13,522	8,405	..	..
Punjab	977	977	1,900	1,900	29,890	29,890	..	..
Rajasthan	2,521	2,521	7,457	7,285	37,728	26,802	..	..
Sikkim	62	62	217	217	925	925	..	..
Tamil Nadu	1,867	1,867	1,830	1,830	35,208	34,932	..	..
Tripura	200	200	136	136	3,969	783	..	..
Uttar Pradesh	2,465	2,465	7,970	7,970	56,457	430,119	24,659	3,205
West Bengal	1,630	1,630	3,147	3,147	12,270	10,599	24,105	2,003
Union Territory:								
A. & N. Islands	-	-	250	248	388	353	..	..
Arunachal Pradesh	330	330	-	-	4,733	1,702	..	..
Chandigarh	14	14	-	-	37	37	..	..
D. & N. Haveli	-	-	-	-	278	241	..	..
Delhi	89	89	-	-	275	275	..	..
Goa, Daman and Diu	224	224	231	231	3,451	2,175	..	..
Lakshadweep	-	-	-	-	..	..	..	..
Mizoram	240	240	-	-	2,416	922	..	..
Pondicherry	23	23	36	36	433	423	..	..

Source: Transport Research Division,  
Ministry of Surface Transport

## ROADS

Table 99-LENGTH OF HIGHWAYS BY AUTHORITIES-contd.

(kilometres)

Year/State	Village Panchayat roads		CD/Panchayat Samiti roads		Total highways	
	Total	Surfaced	Total	Surfaced	Total	Surfaced
1	10	11	12	13	14	15
1977-78	178,903	14,100	158,800	28,604	1,096,249	498,211
1978-79	202,835	13,953	180,814	28,594	1,162,694	519,489
1979-80	203,961	13,955	172,216	27,383	1,180,110	540,682
1980-81	179,341	26,131	180,399	38,088	1,181,083	576,615
1981-82	187,109	33,523	184,896	41,139	1,216,288	611,345
1982-83	189,644	18,215	701,018	35,919	1,259,352	611,912
1983-84	194,748	16,400	211,129	37,005	1,285,828	630,227
1984-85	228,361	19,441	214,129	37,005	1,341,793	661,252
1985-86	236,719	20,954	214,066	44,598	1,372,670	697,232
1986-87	258,768	23,549	216,738	46,865	1,410,413	714,406
1982-83						
State:						
Andhra Pradesh	..	..	43,218	6,713	119,793	57,773
Assam	..	..	27,371	575	52,029	6,243
Bihar	..	..	-	-	64,541	25,598
Gujarat	..	..	..	..	55,481	45,148
Haryana	..	..	..	..	21,890	19,660
Himachal Pradesh	..	..	345	-	18,937	4,673
Jammu & Kashmir	..	..	1,961	-	10,913	6,683
Karnataka	5,420	612	27,719	4,957	99,710	60,042
Kerala	80,919	3,375	5,917	1,288	105,343	20,539
Madhya Pradesh	..	..	..	..	74,419	55,817
Maharashtra	..	..	..	..	146,972	82,411
Manipur	-	-	1,462	-	5,455	2,201
Meghalaya	..	..	311	-	4,978	1,717
Nagaland	..	..	1,503	84	6,618	1,198
Orissa	62,247	-	25,293	-	105,520	12,813
Punjab	..	..	..	..	32,767	32,767
Rajasthan	..	..	18,923	2,293	66,629	38,901
Sikkim	..	..	..	..	1,204	1,204
Tamil Nadu	39,927	11,962	49,310	20,531	128,142	71,122
Tripura	4,275	..	..	..	8,580	1,119
Uttar Pradesh	..	..	-	-	91,551	56,659
West Bengal	..	..	..	..	41,152	17,379
Union Territory:						
A. & N. Islands	..	..	..	..	638	601
Arunachal Pradesh	561	-	6,187	-	11,811	2,032
Chandigarh	..	..	..	..	51	51
D. & N. Haveli	..	..	..	..	278	241
Delhi	..	..	..	..	364	364
Goa, Daman and Diu	1,399	451	-	-	5,305	3,063
Lakshadweep	..	..	..	..	-	-
Mizoram	..	..	..	..	2,656	1,162
Pondicherry	..	..	1,609	564	2,101	1,046



## ROADS

Table 100-LENGTH OF URBAN ROADS BY AUTHORITIES

(Kilometres)

Year/State	Municipalities		Railways		Ports		Military Engineering Service		Total Urban Roads	
	Total Surfaced		Total Surfaced		Total Surfaced		Total Surfaced		Total Surfaced	
1*	2	3	4	5	6	7	8	9	10	11
1977-78	92,191	67,005	7,613	5,343	513	471	7,545	7,381	107,862	80,200
1978-79	96,114	69,442	7,622	5,379	521	479	8,122	7,951	112,379	83,251
1979-80	96,567	66,054	7,906	5,749	562	518	8,392	8,231	114,221	81,241
1980-81	106,110	71,251	7,829	5,721	514	478	8,867	8,424	123,320	83,874
1981-82	108,054	72,814	8,149	6,001	552	516	9,340	9,474	126,095	88,206
1982-83	112,190	76,427	8,052	5,886	572	513	8,987	8,875	129,801	91,652
1983-84	114,138	77,790	8,032	5,950	623	566	9,623	8,826	132,416	93,780
1984-85	116,744	80,558	8,205	6,104	756	683	9,778	9,639	135,487	96,984
1985-86	119,117	82,259	8,205	6,104	731	692	9,986	9,848	138,069	98,903
1986-87(P)	121,289	83,841	8,205	6,104	733	693	10,128	9,990	140,380	106,628
1983-84										
State:										
Andhra Pradesh	4,460	3,256	393	332	68	68	335	335	5,256	3,991
Assam	1,638	525	496	378	-	-	690	690	2,824	1,593
Bihar	3,731	1,820	1,085	767	-	-	156	156	4,972	2,743
Gujarat	7,876	5,500	424	291	203	151	88	88	8,591	6,030
Haryana	1,764	1,248	146	113	-	-	468	468	2,378	1,829
Himachal Pradesh	129	129	10	10	-	-	133	127	272	266
Jammu & Kashmir	-	-	54	54	-	-	565	565	619	619
Karnataka	6,307	5,264	142	127	11	11	174	169	6,634	5,571
Kerala	4,637	2,569	86	77	28	28	96	94	9,847	2,768
Madhya Pradesh	3,750	2,267	604	393	-	-	843	824	5,197	3,484
Maharashtra	11,612	9,254	505	429	111	111	1,038	1,010	13,266	10,804
Manipur	194	103	-	-	-	-	11	11	205	114
Meghalaya	29	26	-	-	-	-	62	62	91	88
Nagaland	-	-	4	3	-	-	78	78	82	81
Orissa	7,147	3,375	358	258	60	60	48	48	7,613	3,741
Punjab	3,077	2,409	268	222	-	-	1,175	1,167	4,520	3,798
Rajasthan	5,167(c)	2,971	328	283	-	-	743	728	6,238	3,982
Sikkim	-	-	-	-	-	-	28	25	28	25
Tamil Nadu	8,774	7,289	512	427	87	85	253	253	9,626	8,054
Tripura	187	157	2	1	-	-	10	10	199	168
Uttar Pradesh	18,158	14,076	1,114	849	-	-	1,239	1,199	20,511	16,169
West Bengal	8,462	5,726	1,314	706	41	38	1,001	982	10,818	7,452
Union Territory:										
A. & N. Islands	-	-	-	-	-	-	-	-	-	-
Arunachal Pradesh	-	-	-	-	-	-	18	18	18	18
Chandigarh	1,178	1,178	5	5	-	-	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-	-	-	-	-
Delhi	15,380	8,267	180	178	-	-	362	358	15,922	8,803
Goa,Daman and Diu	184	143	-	-	14	14	-	-	198	157
Lakshadweep	-	-	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	9	9	9	9
Pondicherry	297	238	2	2	-	-	-	-	899	240

Source: Transport Research Division,  
Ministry of Surface Transport

## ROADS

Table 101-LENGTH OF PROJECT ROADS BY AUTHORITIES

(kilometres)

Year/State	Forest department		Irrigation department		Electricity department		Steel authority	
	Total	Surfaced	Total	Surfaced	Total	Surfaced	Total	Surfaced
1	2	3	4	5	6	7	8	9
1977-78	122,887	4,343	32,439	7,085	2,157	1,711	1,496	869
1978-79	123,592	4,519	33,310	8,125	2,203	1,783	1,509	872
1979-80	124,504*	4,232	57,872	9,681	2,249	1,826	1,400	788
1980-81	114,643	4,136	57,392	9,733	1,836	1,439	1,620	1,186
1981-82	115,860	4,384	58,258	10,125	2,045	1,609	1,637	1,224
1982-83	115,942	4,260	59,904	10,803	2,143	1,661	1,699	1,290
1983-84	127,445	4,261	60,460	11,023	2,232	1,745	1,707	1,298
1984-85	129,271	4,543	60,460	11,458	2,261	1,756	1,707	1,419
1985-86	129,852	4,568	60,915	11,772	2,405	1,885	1,727	1,517
1986-87(P)	130,089	4,590	61,029	11,783	2,446	1,934	1,980	1,759
1983-84								
State:								
Andhra Pradesh	5,194	750	1,096	627	196	196	-	-
Assam	5,037	165	104	55	91	56	-	-
Bihar	13,435	-	-	-	-	-	317	234
Gujarat	1,356	473	910	719	-	-	-	-
Haryana	577	31	-	-	172	139	-	-
Himachal Pradesh	1,975	-	-	-	95	91	-	-
Jammu & Kashmir	1,059	35	221	97	-	-	-	-
Karnataka	2,442	487	6,256	3,666	79	48	66	65
Kerala	1,688	310	1,059	440	105	105	-	-
Madhya Pradesh	33,337	222	1,998	407	365	303	530	313
Maharashtra	14,021	435	2,056	1,265	-	-	-	-
Manipur	288	-	-	-	-	-	-	-
Meghalaya	367	1	-	-	-	-	-	-
Nagaland	415	6	-	-	-	-	-	-
Orissa	6,542	-	2,189	578	100	92	269	269
Punjab	560	-	9,786	395	177	143	-	-
Rajasthan	2,635	-	7,866	1,018	101	92	-	-
Sikkim	59	-	-	-	-	-	-	-
Tamil Nadu	3,324	831	1,118	250	536	467	79	79
Tripura	1,293	15	-	-	-	-	-	-
Uttar Pradesh	27,118	261	24,570	1,166	87	35	-	-
West Bengal	3,514	228	1,231	340	128	60	446	338
Union Territory:								
A. & N. Islands	23	11	-	-	-	-	-	-
Arunachal Pradesh	949	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	-	-
Goa, Daman and Diu	238	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-	-

Source: Transport Research Division,  
Ministry of Surface Transport

## ROADS

Table 101-LENGTH OF PROJECT ROADS BY AUTHORITIES-contd.

(kilometres)

Year/State	Coal Mines Authority		Sugarcane Development authority		Total Project Roads	
	Total	Surfaced	Total	Surfaced	Total	Surfaced
1	10	11	12	13	14	15
1977-78	1,315	722	7,735	2,823	168,029	17,553
1978-79	1,328	723	8,271	3,137	170,213	19,159
1979-80	1,519	1,125	9,998	4,535	197,542	22,094
1980-81	1,467	843	8,553	3,418	185,511	20,755
1981-82	1,523	920	8,559	3,424	187,882	21,686
1982-83	1,593	992	8,722	3,589	190,003	22,595
1983-84	1,642	1,028	8,774	3,641	202,266	22,996
1984-85	2,005	1,432	8,853	3,720	203,698	24,428
1985-86	2,042	1,482	8,882	3,749	205,823	24,873
1986-87(P)	2,049	1,500	8,919	3,786	206,512	25,271
1983-84						
State:						
Andhra Pradesh	517	378	-	-	7,003	1,951
Assam	47	26	-	-	5,279	302
Bihar	370	85	-	-	14,123	319
Gujarat	-	-	-	-	2,266	1,192
Haryana	-	-	-	-	749	170
Himachal Pradesh	-	-	-	-	2,070	9
Jammu & Kashmir	-	-	-	-	1286	132
Karnataka	-	-	-	-	8,813	4,466
Kerala	-	-	-	-	2,852	855
Madhya Pradesh	367	328	-	-	36,597	1,573
Maharashtra	78	78	7,741	2,608	23,896	4,386
Manipur	-	-	-	-	288	-
Meghalaya	-	-	-	-	367	1
Nagaland	-	-	-	-	415	6
Orissa	13	13	-	-	9,113	952
Punjab	-	-	-	-	10,523	538
Rajasthan	-	-	-	-	10,602	1,110
Sikkim	-	-	-	-	59	-
Tamil Nadu	-	-	939	939	5,995	2,566
Tripura	-	-	-	-	1,293	15
Uttar Pradesh	-	-	-	-	51,775	1,462
West Bengal	250	120	-	-	5,569	1,086
Union Territory:						
A. & N. Islands	-	-	-	-	23	11
Arunachal Pradesh	-	-	-	-	949	-
Chandigarh	-	-	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-
Delhi	-	-	-	-	-	-
Goa, Daman and Diu	-	-	-	-	236	-
Lakshadweep	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-
Pondicherry	-	-	94	94	94	94

## ROADS

Table 102-LENGTH OF NATIONAL AND STATE HIGHWAYS-BY WIDTH

(Kilometres)

Year/State	Surfaced Length of National Highways					Surfaced Length of State Highways				
	Below standard single lane	Standard single lane	Standard double lane	Standard multi lane	Total	Below standard single lane	Standard single lane	Standard double lane	Standard multi lane	Total
1	2	3	4	5	6	7	8	9	10	11
1975-76	6,787	11,348	10,367	87	28,569	41,058	37,999	4,450	607	84,114
1976-77	..	..	..	..	..	..	..	..	..	..
1977-78	..	..	..	..	..	..	..	..	..	..
1978-79	..	..	..	..	..	..	..	..	..	..
1979-80	1,979	10,700	16,259	348	29,286	42,012	41,128	7,690	122	90,852
1980-81	2,669	10,758	17,861	306	31,594	42,124	40,611	8,335	167	91,237
1981-82	3,259	9,089	18,809	467	31,624	42,545	39,276	8,958	128	90,907
1982-83	2,941	9,077	19,124	477	31,619	40,590	41,165	9,888	182	91,825
1983-84	2,919	8,813	19,385	591	31,708	38,161	42,826	12,499	295	93,781
1983-84										
State:										
Andhra Pradesh	192	1,068	1,050	42	2,352	2,150	3,253	1,536	111	7,050
Assam	17	1,119	1,072	19	2,227	1,232	-	-	-	1,232
Bihar	204	-	1,934	-	2,138	4,191	-	-	-	4,191
Gujarat	-	-	1,301	8	1,421	495	4,243	4,353	-	9,098
Haryana	-	655	-	-	655	39	29,466	141	8	3,134
Himachal Pradesh	-	589	-	-	589	2,053	-	-	-	2,053
Jammu & Kashmir	-	242	350	1	593	-	529	-	-	529
Karnataka	423	555	950	35	1,963	7,248	-	664	-	7,912
Kerala	21	447	301	70	839	2,079	-	-	-	2,079
Madhya Pradesh	598	602	1,434	117	2,756	5,475	5,269	506	18	11,268
Maharashtra	33	184	2,642	80	2,939	1,033	17,087	343	27	18,490
Manipur	222	148	64	-	434	403	112	9	-	524
Meghalaya	180	173	102	-	-	-	-	-	-	-
Nagaland	-	-	113	-	113	398	-	-	-	398
Orissa	85	523	977	-	1,585	324	2,161	338	-	2,823
Punjab	-	159	809	9	977	-	186	1,714	-	1,900
Rajasthan	39	1,105	1,368	9	2,521	4,154	2,185	935	11	7,285
Sikkim	-	62	-	-	62	74	143	-	-	217
Tamil Nadu	-	65	1,789	33	1,867	108	886	781	55	1,830
Tripura	-	136	40	24	200	-	136	-	-	136
Uttar Pradesh	327	382	1,400	56	2,465	5,341	1,542	1,029	58	7,970
West Bengal	6	251	1,373	-	1,630	1,044	1,965	138	-	3,147
Union Territory:										
A. & N. Islands	-	-	-	-	-	236	12	-	-	248
Arunachal Pradesh	330	-	-	-	330	-	-	-	-	-
Chandigarh	2	12	-	-	14	-	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-	-	-	-	-
Delhi	-	-	8	81	89	-	-	-	-	-
Goa, Daman and Diu	-	196	28	-	224	84	147	-	-	231
Lakshadweep	-	-	-	-	-	-	-	-	-	-
Mizoram	240	-	-	-	240	-	-	-	-	-
Pondicherry	-	-	23	-	23	-	24	12	-	36

Source: Transport Research Division,  
Ministry of Surface Transport

## ROADS

TABLE 103—GROWTH OF NATIONAL HIGHWAYS IN INDIA AND CENTRAL GOVERNMENT  
EXPENDITURE INCURRED THERE-ON

Year	Length of National highways (kms)	Expenditure on National highways (Rs.lakhs)	
		Capital	Maintenance
1	2	3	4
1950-51 . . . . .	19,811	226	312
1955-56 . . . . .	20,835	976	454
1960-61 . . . . .	23,798	1,001	548
1965-66 . . . . .	24,036	2,919	819
1970-71 . . . . .	23,838	2,181	1,535
1975-76 . . . . .	29,132	5,600	2,125
1980-81 . . . . .	31,671	10,013	3,782
1981-82 . . . . .	31,769	12,082	5,533
1982-83 . . . . .	31,777	13,803	6,010
1983-84 . . . . .	31,817	14,018	6,090
1984-85 . . . . .	31,767	17,081	8,151
1985-86 . . . . .	32,687	21,380	9,619
1986-87(P). . . . .	32,687	27,781	10,425

Source: Transport Research Division,  
Ministry of Surface TransportNote: It does not include expenditure incurred on tools, plants and hire charges on ferry vessels at  
Pandu and maintenance of Brahmaputra bridge.

## SHIPPING

This section presents tables relating to the strength and tonnage of Indian merchant shipping. The data on strength of the fleet covers ships registered under Merchant Shipping Act, 1958 and the source for the data is the Directorate General of Shipping. The basic source of data for shipping traffic is the respective Port Authorities of Indian Ports. These data are collected and published by the Transport Research Division of the Ministry of Surface Transport and also maintained by the Directorate General of Shipping.

Table 104

This table shows the strength of Indian merchant shipping fleet plying for the coastal and overseas trade. The breakup of the fleet into passenger vessels, tankers and dry cargo vessels is also given for the latest year.

Table 105

This table gives information regarding the total sea borne imports and exports and share of Indian flag vessels in the traffic handled at ports.

Table 106

This table provides the data regarding number and net registered tonnage (NRT) of vessels which entered and cleared with cargo and in ballast by the type of vessels, namely, steam and sailing. Net registered tonnage is defined as the net volume of enclosed space of vessels less crew space, engine room and other space not used for cargo.

Tables 107 and 108

These tables respectively presents data regarding the number and net registered tonnage of vessels which entered Indian ports and which cleared from Indian ports with cargo and in ballast by nationality of vessels.

Tables 109 and 110

These tables present data regarding the number and net registered tonnage of vessels which entered and cleared with cargo and in ballast respectively by nationality of vessels in coasting trade.

Table 111

This table provides data relating to the number and gross registered tonnage of steamers and vessels (sailing) in foreign and coasting trade handled by major ports in India. Gross registered tonnage (GRT), is defined as the entire internal cubic capacity of a ship. The unit for measurement of GRT is a ton of 100 cubic feet.

Table 112

The table presents data relating to gross tonnage of imports and exports in coastal and foreign trade by major Indian ports.

Table 104- STRENGTH OF INDIAN MERCHANT SHIPPING FLEET

As on 31st December	Coastal Trade		Overseas Trade		Total	
	No. of Vessels	G.R.T.	No. of Vessels	G.R.T.	No. of Vessels	G.R.T.
1	2	3	4	5	6	7
1951	79	217,202	24	173,505	103	390,707
1956	85	246,724	30	270,613	124	517,337
1961	104	361,705	70	539,315	174	901,020
1966	95	329,888	136	1,462,227	231	1,792,115
1971	62	217,603	193	2,282,092	255	2,499,695
1976	80	441,567	279	4,673,185	359	5,114,752
1981	65	300,220	338	5,588,525	403	5,888,745
1987	127	437,774	235	5,031,516	362	5,469,290
1988	138	443,251	240	5,150,003	378	5,593,254
1989(31.03.1989)	146	455,244	243	5,247,461	389	5,702,705
1989						
1. Dry cargo vessels	31	21,955	74	812,992	105	834,947
2. Bulk carriers	3	83,980	106	2,290,166	109	2,374,146
3. Cellular container vessels	-		1	3,498	1	3,498
4. Tankers	15	171,067	47	1,545,230	62	1,716,297
5. Passenger cum cargo carriers	14	38,951	1	8,279	15	47,230
6. Off shore supply vessels	82	134,935	-	-	82	134,935
7. Others	1	4,356	14	587,296	15	591,652

Source: Ministry of Surface Transport

## SHIPPING

Table 105- SHARE OF INDIAN FLAG VESSELS IN THE OVER SEAS CARGO TRAFFIC HANDLED AT PORTS

(lakh tonnes)

Year	Total sea- borne im- ports and exports	Exports and imports carried by		Percentage of cargo carried by Indian vessels to total cargo	
		Indian flag vessels	Foreign flag vessels		
1	2	3	4	5	
1974-75	. . . . .	628.4	177.1	451.3	28.18
1975-76	. . . . .	626.7	218.6	408.1	34.88
1976-79	. . . . .	637.0	233.1	403.9	36.59
1979-80	. . . . .	711.5	237.4	474.1	33.37
1980-81	. . . . .	749.3	242.1	507.2	32.31
1981-82	. . . . .	773.6	242.7	530.9	31.37
1982-83	. . . . .	777.6	322.4	455.2	41.46
1983-84	. . . . .	757.9	309.6	448.3	40.85
1984-85	. . . . .	824.5	307.0	517.5	37.23
1985-86	. . . . .	863.5	299.5	564.0	34.68
1986-87	. . . . .	871.5	328.1	543.4	37.65
1987-88	. . . . .	880.7	343.0	537.7	38.95
1988-89	. . . . .	906.7	318.7	588.0	35.15

Source: Ministry of Surface Transport



Table 106- VESSELS ENTERED AND CLEARED  
(BY STEAMERS AND SAILING VESSELS)  
A. Foreign Trade - Entered

Vessel	1950-51		1955-56		1960-61		1965-66		1970-71	
	No.	NRT	No.	NRT	No.	NRT	No.	NRT	No.	NRT
1	2	3	4	5	6	7	8	9	10	11
With Cargo-										
Steam	2,460	8,562,752	2,464	9,733,269	3,347	14,939,520	2,991	15,769,346	3,012	16,825,503
Sailing	895	88,854	438	47,715	656	86,844	363	242,837	405	145,800
Total	3,355	8,651,606	2,902	9,780,984	4,003	15,026,364	3,354	16,012,183	3,417	16,971,303
In Ballast-										
Steam	680	2,077,817	855	2,884,243	1,300	4,330,662	1,270	5,782,065	1,531	8,706,058
Sailing	550	41,813	1,260	107,699	1,548	181,689	507	108,151	599	123,807
Total	1,230	2,119,630	2,115	2,991,942	2,848	4,512,351	1,777	5,890,216	2,130	8,829,865
Steam	3,140	10,640,569	3,319	12,617,512	4,647	19,270,182	4,261	21,551,411	4,543	25,531,561
Sailing	1,445	130,667	1,698	155,414	2,204	268,533	870	350,988	1,004	269,607
Grand Total	4,585	10,771,236	5,017	12,772,926	6,851	19,538,715	5,131	21,902,399	5,547	25,801,168

Vessel	1975-76		1980-81		1983-84		1984-85		1985-86	
	No.	NRT	No.	NRT	No.	NRT	No.	NRT	No.	NRT
1	12	13	14	15	16	17	18	19	20	21
With Cargo-										
Steam	2,796	20,195,799	3,202	25,140,920	3,051	24,612,706	3,875	30,920,648	4,472	35,518,722
Sailing	280	64,922	380	63,071	525	172,883	377	115,196	241	47,609
Total	3,086	20,260,721	3,582	25,203,991	3,576	24,785,589	4,252	31,035,844	4,713	35,566,331
In Ballast-										
Steam	1,752	10,526,922	1,699	11,552,369	1,428	12,138,499	1,783	13,941,458	1,702	12,272,480
Sailing	161	33,369	715	112,421	299	54,157	459	86,132	366	66,883
Total	1,913	10,560,291	2,414	11,664,790	1,727	12,192,656	2,242	14,027,590	2,068	12,339,363
Steam	4,548	30,722,721	4,901	36,693,289	4,479	36,751,205	5,658	44,862,106	6,174	47,791,202
Sailing	451	98,291	1,095	175,492	824	227,040	836	201,328	607	114,492
Grand Total	4,999	30,821,012	5,996	36,868,781	5,303	36,978,245	6,494	45,063,434	6,781	47,905,694

Source: Directorate General of Commercial Intelligence and Statistics

## SHIPPING

Table 106- VESSELS ENTERED AND CLEARED-contd.  
(BY STEAMERS AND SAILING VESSELS)  
B. Foreign Trade - Cleared

Vessel	1950-51		1955-56		1960-61		1965-66		1970-71	
	No.	NRT	No.	NRT	No.	NRT	No.	NRT	No.	NRT
1	2	3	4	5	6	7	8	9	10	11
With Cargo-										
Steam	2,366	7,642,561	2,529	8,556,420	2,995	11,075,988	2,817	12,294,409	3,602	17,913,765
Sailing	777	69,238	1,680	154,879	1,553	193,675	641	124,360	739	173,068
Total	3,143	7,711,799	4,209	8,711,299	4,548	11,269,663	3,458	12,418,769	4,341	18,086,833
In Ballast-										
Steam	910	3,564,795	777	3,748,335	1,472	7,592,076	1,276	8,378,118	1,024	8,117,629
Sailing	795	73,642	160	16,709	424	49,977	217	155,624	253	143,952
Total	1,705	3,638,437	937	3,765,044	1,896	7,642,053	1,493	8,533,742	1,277	8,261,581
Steam	3,276	11,207,356	3,306	12,304,755	4,467	18,668,064	4,093	20,672,527	4,626	26,031,394
Sailing	1,572	142,880	1,840	171,588	1,977	243,652	858	279,984	992	317,020
Grand Total	4,848	11,350,236	5,146	12,476,343	6,444	18,911,716	4,951	20,952,511	5,618	26,348,414

Vessel	1975-76		1980-81		1983-84		1984-85		1985-86	
	No.	NRT	No.	NRT	No.	NRT	No.	NRT	No.	NRT
1	12	13	14	15	16	17	18	19	20	21
With Cargo-										
Steam	3,308	18,417,557	3,604	22,847,553	3,002	22,826,255	3,644	26,373,307	3,918	26,842,527
Sailing	460	87,985	984	177,166	745	175,734	759	392,638	410	81,727
Total	3,768	18,505,542	4,588	23,024,719	3,747	23,001,989	4,403	26,765,945	4,328	26,924,254
In Ballast-										
Steam	1,001	10,418,355	1,341	10,871,434	1,417	11,573,524	2,032	17,665,054	2,014	16,838,465
Sailing	61	24,855	223	30,310	220	36,996	104	84,448	219	32,484
Total	1,062	10,443,210	1,564	10,901,744	1,637	11,610,520	2,136	17,749,502	2,233	16,870,949
Steam	4,309	28,835,912	4,945	33,718,987	4,419	34,399,779	5,676	44,038,361	5,932	43,680,992
Sailing	521	112,840	1,207	207,476	965	212,730	863	477,086	629	114,211
Grand Total	4,830	28,948,752	6,152	33,926,463	5,384	34,612,509	6,539	44,515,447	6,561	43,795,203

## SHIPPING

Table 106- VESSELS ENTERED AND CLEARED-*contd.*  
 (BY STEAMERS AND SAILING VESSELS)  
 C. Coasting Trade - Entered

Vessel	1953-54		1955-56		1960-61		1965-66		1970-71	
	No.	NRT	No.	NRT	No.	NRT	No.	NRT	No.	NRT
1	2	3	4	5	6	7	8	9	10	11
With Cargo-										
Steam	4,524	9,653,468	3,602	8,631,885	4,334	11,826,977	3,975	12,729,435	1,885	5,405,367
Sailing	57,021	1,367,121	61,362	1,469,835	60,610	1,456,416	19,977	913,120	12,741	650,389
Total	61,545	11,020,589	64,964	10,101,720	64,944	13,283,393	23,952	13,642,555	14,626	6,055,756
In Ballast-										
Steam	4,038	5,394,202	2,989	4,861,945	2,394	6,187,480	1,410	4,489,509	1,214	2,839,296
Sailing	18,123	557,126	23,231	656,905	28,553	878,809	21,558	771,494	16,594	512,513
Total	22,161	5,951,328	26,220	5,518,850	30,947	7,066,289	22,968	5,261,003	17,808	3,351,809
Steam	8,562	15,047,670	6,591	13,493,830	6,728	18,014,457	5,385	17,218,944	3,099	8,244,663
Sailing	75,144	1,924,247	84,593	2,126,740	89,163	2,335,225	41,535	1,684,614	29,335	1,162,902
Grand Total	83,706	16,971,917	91,184	15,620,570	95,891	20,349,682	46,920	18,903,558	32,434	9,407,565

Vessel	1975-76		1980-81		1983-84		1984-85		1985-86	
	No.	NRT	No.	NRT	No.	NRT	No.	NRT	No.	NRT
1	12	13	14	15	16	17	18	19	20	21
With Cargo-										
Steam	2,097	8,259,150	1,695	9,841,745	2,483	13,612,265	1,840	12,651,697	1,871	14,683,039
Sailing	6,975	313,964	3,871	212,943	1,665	161,517	1,721	135,987	1,608	824,516
Total	9,072	8,573,114	5,566	10,054,688	4,148	13,773,782	3,561	12,787,684	3,479	15,507,555
In Ballast-										
Steam	1,481	4,256,741	1,439	5,565,106	2,880	8,894,297	2,362	8,845,065	2,611	7,511,391
Sailing	12,964	550,791	9,520	362,277	5,643	274,478	5,068	448,046	5,170	482,775
Total	14,445	4,807,532	10,959	5,927,383	8,523	9,168,775	7,430	9,293,111	7,781	7,994,166
Steam	3,578	12,515,891	3,134	15,406,851	5,363	22,506,562	4,202	21,496,762	4,482	22,194,430
Sailing	19,939	864,755	13,391	575,220	7,308	435,995	6,789	584,033	6,778	1,307,291
Grand Total	23,517	13,380,646	16,525	15,982,071	12,671	22,942,557	10,991	22,080,795	11,260	23,501,721

## SHIPPING

Table 106- VESSELS ENTERED AND CLEARED-concl'd.  
(BY STEAMERS AND SAILING VESSELS)  
D. Coasting Trade - Cleared

Vessel	1953-54		1955-56		1960-61		1965-66		1970-71	
	No.	NRT	No.	NRT	No.	NRT	No.	NRT	No.	NRT
1	2	3	4	5	6	7	8	9	10	11
With Cargo-										
Steam	4,764	9,442,615	4,397	10,508,677	5,582	14,558,323	3,674	11,066,518	2,025	5,607,214
Sailing	28,387	1,047,622	36,692	1,256,291	47,096	1,592,577	28,713	1,213,913	22,244	1,026,147
Total	33,151	10,490,237	41,089	11,764,968	52,678	16,150,900	32,387	12,280,431	24,269	6,633,361
In Ballast-										
Steam	3,344	3,993,086	2,406	3,368,859	1,615	4,130,119	1,972	7,473,997	1,424	3,245,566
Sailing	26,049	716,446	21,174	671,759	20,048	734,220	16,196	642,712	11,772	483,019
Total	29,393	4,709,532	23,580	4,040,618	21,663	4,864,339	18,168	8,116,709	13,196	3,728,585
Steam	8,108	13,435,701	6,803	13,877,536	7,197	18,688,442	5,646	18,540,515	3,449	8,852,780
Sailing	54,436	1,764,068	57,866	1,928,050	67,144	2,326,797	44,909	1,856,625	34,016	1,509,166
Grand Total	62,544	15,199,769	64,669	15,805,586	74,341	21,015,239	50,555	20,397,140	37,465	10,361,946

Vessel	1975-76		1980-81		1983-84		1984-85		1985-86	
	No.	NRT	No.	NRT	No.	NRT	No.	NRT	No.	NRT
1	12	13	14	15	16	17	18	19	20	21
With Cargo-										
Steam	2,331	10,920,167	1,729	10,464,454	2,929	14,026,120	2,370	13,140,390	2,209	14,339,504
Sailing	12,939	616,425	6,324	404,111	3,969	347,548	5,057	514,991	4,943	1,001,327
Total	15,270	11,536,592	8,053	10,868,565	6,898	14,373,668	7,427	13,655,381	7,152	15,340,831
In Ballast-										
Steam	966	4,297,387	1,131	5,589,722	1,591	8,323,051	1,307	7,429,889	1,281	7,357,788
Sailing	11,528	670,455	9,255	351,550	4,569	223,061	3,892	214,737	3,559	717,530
Total	12,494	4,967,842	10,386	5,941,272	6,160	8,546,112	5,199	7,644,626	4,840	8,075,318
Steam	3,297	15,217,554	2,860	16,054,176	4,520	22,349,171	3,677	20,570,279	3,490	21,697,292
Sailing	24,467	1,286,880	15,579	755,661	8,538	570,609	8,949	729,728	8,502	1,718,857
Grand Total	27,764	16,504,434	18,439	16,809,837	13,058	22,919,780	12,626	21,300,007	11,992	23,416,149

## SHIPPING

Table 107-NUMBER AND TONNAGE OF VESSELS WHICH ENTERED INDIAN PORTS  
(BY NATIONALITIES)

Nationality	1950-51		1955-56		1960-61		1965-66		1970-71	
	No.	NRT	No.	NRT	No.	NRT	No.	NRT	No.	NRT
1	2	3	4	5	6	7	8	9	10	11
Indian	735	643,821	1,890	1,011,751	2,672	2,116,698	1,378	2,379,057	2,103	5,585,348
British	1,358	5,710,918	1,216	5,551,929	1,276	6,304,515	832	4,716,579	607	3,530,882
American	197	901,047	184	850,963	424	2,015,610	423	2,496,335	262	1,390,858
Chinese	12	31,350	11	33,167	..	..	7	35,435	9	40,411
Danish	81	266,219	95	381,137	184	517,575	89	410,205	49	186,531
Dutch	103	457,798	156	676,467	221	1,033,858	154	972,450	99	654,817
French	9	37,962	25	93,165	77	419,602	55	413,019	9	117,380
Greek	58	211,166	20	66,229	144	702,978	256	1,303,105	291	1,972,284
Italian	67	268,705	90	386,333	141	813,801	126	829,166	56	319,805
Japanese	26	105,283	241	954,214	260	934,618	319	1,353,984	400	2,113,694
Norwegian	200	800,568	195	879,038	300	1,531,123	197	1,076,920	119	656,795
Russian	11	17,056	15	39,232	41	138,265	201	999,025	240	1,047,517
Swedish	39	123,949	45	200,393	74	69,107	41	278,722	36	217,098
Other nationalities	258	1,065,948	864	648,908	1,037	2,940,965	1,053	4,638,397	1,267	7,967,748
Total	4,585	10,771,236	5,047	11,772,926	6,851	19,538,715	5,131	21,902,399	5,547	25,801,168

Nationality	1975-76		1980-81		1983-84		1985-86		1984-85	
	No.	NRT	No.	NRT	No.	NRT	No.	NRT	No.	NRT
1	12	13	14	15	16	17	18	19	20	21
Indian	1,642	11,079,284	2,199	11,203,814	1,911	13,173,975	2,467	16,999,446	2,497	18,307,355
British	270	1,711,972	230	1,701,404	138	1,164,441	165	1,432,583	184	1,710,074
American	167	1,734,918	164	2,246,379	115	1,587,703	119	1,239,683	122	1,167,226
Chinese	..	..	16	107,621	152	67,744	51	67,957	70	131,973
Danish	48	145,089	33	107,504	36	235,110	54	394,577	61	171,943
Dutch	52	254,632	52	855,155	34	198,526	63	347,985	61	335,511
French	32	124,693	37	219,216	20	229,747	18	141,330	19	139,961
Greek	318	2,313,338	553	4,488,287	261	2,014,741	316	3,632,786	328	2,803,741
Italian	31	164,079	26	145,715	23	119,648	42	274,238	23	133,182
Japanese	272	1,742,271	341	2,403,214	237	2,808,693	227	2,451,345	234	2,777,403
Norwegian	91	670,897	63	684,745	47	431,672	74	688,829	53	488,002
Russian	293	1,688,058	327	2,249,157	289	1,753,144	325	1,900,439	220	1,390,180
Swedish	31	163,577	5	45,550	19	178,218	34	176,797	5	15,355
Other nationalities	1,752	9,028,204	1,950	10,111,020	2,021	13,014,883	2,539	15,315,439	2,904	18,333,788
Total	4,999	30,821,012	5,996	36,868,781	5,303	36,978,245	6,494	45,063,434	6,781	47,905,694

Source: Directorate General of Commercial Intelligence and Statistics

## SHIPPING

Table 108-NUMBER AND TONNAGE OF VESSELS WHICH CLEARED AT INDIAN PORTS  
(BY NATIONALITIES)

Nationality	1950-51		1955-56		1960-61		1965-66		1970-71	
	No.	NRT	No.	NRT	No.	NRT	No.	NRT	No.	NRT
1	2	3	4	5	6	7	8	9	10	11
Indian	767	810,001	1,939	987,086	2,325	1,812,116	1,275	2,097,474	2,102	5,691,797
British	1,470	6,096,256	1,216	5,440,213	1,284	6,322,221	807	4,563,220	603	3,354,770
American	190	877,132	152	685,663	364	742,492	405	2,346,032	211	1,183,844
Chinese	7	14,405	12	35,343	..	..	5	30,457	6	26,878
Danish	84	286,279	80	326,786	250	418,605	81	365,402	43	169,735
Dutch	107	475,286	159	683,211	224	1,003,201	131	851,925	112	797,116
French	8	33,541	34	197,285	63	339,269	58	424,559	11	122,185
Greek	57	229,068	29	106,621	126	601,546	273	1,341,328	326	2,177,875
Italian	66	270,729	88	371,509	139	797,065	128	842,632	50	269,330
Japanese	29	115,750	245	957,886	317	1,148,207	340	1,392,926	462	2,479,165
Norwegian	209	818,590	196	889,444	282	1,467,394	202	1,105,812	117	631,561
Russian	11	818,851	11	28,436	41	149,025	161	819,680	219	935,317
Swedish	44	139,874	58	253,042	72	324,795	43	299,185	40	229,006
Other nationalities	250	223,339	927	1,513,818	957	2,785,780	1,042	4,471,879	1,316	8,279,835
Total	4,848	11,350,236	5,146	12,476,343	6,444	18,911,716	4,951	20,952,511	5,618	26,348,414

Nationality	1975-76		1980-81		1983-84		1984-85		1985-86	
	No.	NRT	No.	NRT	No.	NRT	No.	NRT	No.	NRT
1	12	13	14	15	16	17	18	19	20	21
Indian	1,618	10,219,098	2,342	9,672,073	2,064	12,483,913	2,653	18,241,933	2,485	16,806,875
British	242	1,497,836	210	1,382,578	127	1,009,484	179	1,603,963	148	1,395,533
American	134	1,297,303	136	1,595,168	62	832,109	81	759,443	59	626,745
Chinese	..	..	13	89,444	130	161,233	34	66,947	6	42,433
Danish	49	170,301	34	90,911	38	257,287	47	212,757	47	82,564
Dutch	35	184,049	53	245,074	28	150,673	59	334,511	48	252,606
French	22	88,804	39	254,298	22	251,666	24	180,604	11	101,200
Greek	345	2,528,382	562	4,383,004	257	1,864,376	306	2,774,373	241	2,258,411
Italian	25	136,050	27	166,135	22	133,100	50	193,615	21	111,857
Japanese	273	1,764,616	302	2,409,225	273	2,572,775	285	2,626,253	294	2,308,211
Norwegian	71	595,256	58	541,750	46	535,886	67	804,805	29	355,301
Russian	210	1,084,469	315	2,196,112	224	12,968,269	245	1,834,915	211	1,061,760
Swedish	20	120,813	7	69,984	12	112,029	17	95,784	4	29,382
Other nationalities	1,786	9,261,775	2,054	10,830,707	2,079	12,920,005	2,492	14,785,544	2,957	18,362,325
Total	4,830	28,948,752	5,863	30,941,605	5,384	34,612,509	6,539	44,515,447	6,561	43,795,203

Source: Directorate General of Commercial Intelligence and Statistics

# SHIPPING

Table 109-TONNAGE OF VESSELS WHICH ENTERED AND CLEARED IN BALLAST AT  
INDIAN PORTS IN COASTAL TRADE  
(BY NATIONALITIES)

(Net Registered Tons)

Nationality	1953-54		1955-56		1960-61		1965-66		1970-71	
	Entered	Cleared	Entered	Cleared	Entered	Cleared	Entered	Cleared	Entered	Cleared
1	2	3	4	5	6	7	8	9	10	11
Indian	2,045,602	1,993,839	2,297,092	1,931,801	3,226,153	2,235,918	2,498,065	3,294,549	1,980,881	2,457,901
British	1,840,283	1,391,050	1,550,559	985,384	1,411,340	977,899	749,302	1,081,334	181,821	252,462
Chinese	9,018	..	4,539	..	..	..	..	..	4,525	..
Japanese	322,410	133,584	129,195	59,203	327,195	75,348	150,205	72,972	99,110	42,528
Pakistani	28,323	9,736	45,778	4,583	67,342	19,320	7,533	3,107	..	..
Danish	177,648	27,423	93,991	76,205	52,971	44,874	4,948	44,752	6,815	21,013
Dutch	230,178	184,659	351,899	170,015	340,518	207,218	133,088	223,621	49,165	23,037
French	17,447	3,360	54,478	41,351	88,238	26,204	3,907	6,068	..	..
Greek	..	..	41,329	14,638	139,856	142,414	294,701	446,957	180,752	196,921
Italian	127,620	141,693	85,430	86,194	127,336	77,845	46,379	78,096	..	3,132
Norwegian	118,944	252,245	212,058	249,989	310,841	480,926	137,738	269,339	38,304	22,347
Portuguese	279	149	5,496	1,864	..	..	..	..	..	..
Russian	4,380	..	11,480	14,822	38,377	15,142	76,791	524,971	203,780	94,047
Swedish	77,709	93,071	24,316	52,817	72,697	84,655	8,126	54,238	..	4,485
West Germany	62,726	32,253	53,154	44,964	278,781	85,381	82,532	189,060	39,345	21,006
American	230,777	83,418	407,416	115,981	181,086	141,605	95,495	509,882	8,555	168,269
Panamanian	165,208	233,882	83,227	139,746	101,828	143,788	206,614	245,631	141,679	177,580
Others	492,796	129,170	67,413	51,061	271,720	105,802	765,579	1,072,132	417,077	243,857
Total	5,951,328	4,709,532	5,518,850	4,040,618	7,066,239	4,361,339	5,261,003	8,116,700	3,351,800	3,728,585

Source: Directorate General of Commercial Intelligence and Statistics

## SHIPPING

Table 109-TONNAGE OF VESSELS WHICH ENTERED AND CLEARED IN BALLAST AT  
INDIAN PORTS IN COASTAL TRADE-contd.  
(BY NATIONALITIES)

(Net Registered Tons)

Nationality	1975-76		1980-81		1983-84		1984-85		1985-86	
	Entered	Cleared	Entered	Cleared	Entered	Cleared	Entered	Cleared	Entered	Cleared
1	12	13	14	15	16	17	18	19	20	21
Indian	3,769,610	4,232,227	4,345,754	4,376,029	7,417,778	6,784,788	6,365,523	6,266,644	6,385,604	7,133,265
British	29,234	33,156	79,023	95,255	32,093	114,772	106,494	58,946	137,838	51,766
Chinese	5,978	..	15,931	5,490	10,605	5,814	4,053	21,505	6,267	10,089
Japanese	32,446	23,725	111,394	33,977	74,026	27,624	135,481	4,014	116,741	26,477
Pakistan	..	..	6,749	..	39,722	3,255	6,201	6,058	..	..
Danish	7,616	..	343	13,964	28,374	22,108	111,476	2,269	2,781	1,355
Dutch	21,613	5,978	11,517	16,275	6,182	..	13,173	7,251	7,386	28,036
French	29,106	..	6,143	6,143	13,039	14,555	18,657	16,337	3	..
Greek	173,963	108,507	260,509	479,079	128,872	96,894	529,819	109,189	109,325	121,748
Italian	..	..	5,219	..	..	..	16,238	4,084	..	..
Norwegian	190	..	676	20,219	21,263	425,336	24,312	52,329	19,711	64,117
Portuguese	..	..	..	..	6,634	4,002	4,954	17,570	..	15,128
Russian	128,100	110,507	136,579	188,436	187,731	127,511	220,882	106,882	111,034	54,105
Swedish	..	3,159	..	..	39,224	56,596	23,377	44,655	10,597	..
West Germany	11,077	..	21,969	..	63,652	8,051	120,839	46,773	129,954	28,141
American	22,098	11,111	173,263	38,518	150,912	34,093	34,561	71,419	27,840	28,123
Panamanian	131,976	120,882	199,643	141,612	266,703	104,720	594,486	240,680	408,881	155,267
Others	4,444,525	318,590	552,671	526,235	681,965	715,993	962,585	568,021	520,204	357,701
Total	4,807,532	4,967,842	5,927,383	5,941,272	9,168,775	8,546,112	9,293,111	7,644,626	7,994,166	8,075,318



# SHIPPING

Table 110-TONNAGE OF VESSELS WHICH ENTERED AND CLEARED WITH CARGO  
AT INDIAN PORTS IN COASTAL TRADE  
(BY NATIONALITIES)

(Net Registered Tons)

Nationality	1953-54		1955-56		1960-61		1965-66		1970-71	
	Entered	Cleared	Entered	Cleared	Entered	Cleared	Entered	Cleared	Entered	Cleared
1	2	3	4	5	6	7	8	9	10	11
Indian	5,445,493	5,451,668	5,009,058	5,328,943	6,572,516	7,886,796	6,498,780	6,428,796	3,993,524	4,077,850
British	2,585,596	2,342,452	2,383,781	2,921,341	2,402,025	2,771,161	1,960,390	1,671,822	541,262	634,436
Chinese	..	13,301	..	4,539	2,710	4,194	..	..	2,984	7,390
Japanese	209,062	294,590	67,822	172,148	140,221	292,218	93,506	104,106	170,407	113,164
Pakistani	..	13,091	20,885	58,259	36,379	110,573	55,913	19,562	..	..
Danish	230,275	158,788	168,294	257,504	116,293	189,235	74,626	57,155	7,191	38,214
Dutch	620,748	494,686	507,405	711,833	478,759	698,330	505,562	490,932	56,835	135,489
French	7,740	21,827	161,358	193,768	139,012	193,464	6,068	..	..	..
Greek	..	..	16,931	45,327	334,949	363,478	344,745	261,290	223,529	181,684
Italian	241,796	153,115	230,795	262,273	178,708	267,357	107,082	80,927	13,174	23,007
Norwegian	498,648	352,936	477,121	466,057	819,577	716,786	596,830	457,766	95,497	115,212
Portuguese	12,921	13,999	11,013	17,441	3,290	11,550	5,696	7,750	..	..
Russian	..	4,380	8,745	10,780	78,524	77,184	460,919	251,567	196,567	309,508
Swedish	204,835	97,914	146,948	99,844	142,821	192,751	106,173	52,173	..	21,832
West Germany	94,335	122,879	148,943	181,588	297,499	423,455	373,265	305,080	37,395	62,049
American	435,394	540,784	335,133	738,162	908,285	1,154,144	861,301	617,346	101,230	146,886
Panamanian	332,704	171,106	283,310	179,778	280,528	249,038	316,700	254,158	152,043	226,042
Others	101,042	142,721	124,178	115,383	351,297	549,186	1,274,999	1,220,001	464,118	540,598
Total	11,020,589	10,490,237	10,101,720	11,764,968	13,283,393	16,150,900	13,642,555	12,280,431	6,055,756	6,633,361

Source: Directorate General of Commercial Intelligence and Statistics

## SHIPPING

Table 110-TONNAGE OF VESSELS WHICH ENTERED AND CLEARED WITH CARGO  
AT INDIAN PORTS IN COASTAL TRADE-contd.  
(BY NATIONALITIES)

(Net Registered Tons)

Nationality	1975-76		1980-81		1983-84		1984-85		1985-86	
	Entered	Cleared	Entered	Cleared	Entered	Cleared	Entered	Cleared	Entered	Cleared
1	12	13	14	15	16	17	18	19	20	21
Indian	6,010,759	7,691,990	6,193,125	8,033,232	9,652,033	11,056,838	9,316,990	9,228,089	11,526,738	10,693,793
British	139,078	285,517	253,702	230,028	458,372	238,160	293,317	220,461	254,328	314,200
Chinese	3,576	..	12,339	19,134	17,766	50,109	..	42,583	2,534	38,902
Japanese	98,201	87,403	59,115	74,152	60,348	140,702	60,163	104,229	248,424	101,144
Pakistani	12,098	14,296	..	..	12,425	..	6,140	20,315	15,838	37,916
Danish	6,340	14,717	8,278	2,309	37,423	11,405	29,509	22,206	12,335	31,988
Dutch	38,851	100,569	28,300	26,976	37,099	22,242	17,387	51,619	41,779	48,305
French	45,215	50,323	67,419	30,723	161,023	55,996	78,067	83,114	27,649	33,351
Greek	263,219	224,184	1,193,443	483,762	181,864	101,766	111,775	215,923	281,221	248,724
Italian	10,094	25,484	9,189	6,050	6,176	36,946	32,659	47,179	6,252	32,091
Norwegian	153,286	128,533	64,164	143,056	363,385	153,357	191,224	263,069	90,122	183,839
Portuguese	..	..	..	..	..	12,819	23,094	18,176	16,502	..
Russian	314,089	831,122	361,923	340,337	274,057	377,376	263,484	441,862	251,951	328,753
Swedish	20,157	24,770	..	29,647	16,631	18,225	35,380	10,383	42,544	49,195
West Germany	31,104	58,331	47,211	14,752	191,615	177,096	287,400	195,249	468,706	350,075
American	519,231	873,301	557,048	647,539	656,488	443,673	380,995	306,676	475,750	630,525
Panamanian	181,453	207,620	188,128	131,512	247,618	375,585	331,704	525,420	408,881	656,182
Others	726,363	918,432	1,011,304	655,356	1,399,459	1,101,373	1,328,396	1,858,828	1,336,001	1,561,848
Total	8,573,114	11,536,592	10,054,688	10,868,565	13,773,782	14,373,668	12,787,684	13,655,381	15,507,555	15,340,831

## SHIPPING

Table 111- TOTAL SHIPPING IN THE FOREIGN AND COASTAL TRADE AT PRINCIPAL PORTS-SUMMARY

	1950-51		1955-56		1960-61		1965-66		1970-71	
	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)
1	2	3	4	5	6	7	8	9	10	11
BOMBAY										
Steamers	11,157	14,009	6,434	16,016	6,233	22,661	4,762	23,834	3,560	17,277
Indian	8,272	8,118	3,639	2,410	2,545	3,939	1,496	3,696	1,380	4,269
Others	2,885	12,191	2,795	13,606	3,688	19,022	3,266	20,138	2,180	13,008
Sailing vessels	44,741	934	56,093	1,094	61,821	1,337	10,489	603	9,021	585
Total Steamers/ Sailing Vessels	55,898	14,943	62,527	17,110	68,054	23,998	15,251	24,437	12,581	17,862
CALCUTTA										
Steamers	2,399	8,510	2,573	9,614	3,536	13,817	2,199	9,036	1,945	8,992
Indian	483	1,329	603	1,708	1,011	3,270	673	2,538	767	3,390
Others	1,916	7,181	1,970	7,706	2,525	10,547	1,526	6,498	1,178	5,002
Sailing vessels	1	..	4	..	..	..	..	..	..	..
Total Steamers/ Sailing Vessels	2,400	8,510	2,577	9,415	3,536	13,817	2,199	9,036	1,945	8,992

	1975-76		1980-81		1983-84		1984-85		1985-86	
	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)
1	12	13	14	15	16	17	18	19	20	21
BOMBAY										
Steamers	4,084	23,853	5,002	24,794	6,571	27,021	8,500	33,467	10,663	63,954
Indian	1,574	11,518	1,543	8,969	2,190	13,184	2,890	14,252	4,753	26,532
Others	2,510	12,335	3,459	15,825	4,381	13,837	5,610	19,215	5,910	37,422
Sailing vessels	6,481	598	3,776	391	5,198	585	2,532	317	901	182
Total Steamers/ Sailing Vessels	10,565	24,451	8,778	25,185	11,769	27,606	11,032	33,784	11,564	64,136
CALCUTTA										
Steamers	1,702	9,742	1,036	5,434	1,523	6,996	1,384	6,252	1,563	6,810
Indian	842	5,308	317	2,214	741	3,448	560	2,706	487	2,102
Others	860	4,434	719	3,240	782	3,548	824	3,546	1,076	4,708
Sailing vessels	..	..	..	..	..	..	..	..	..	..
Steamers/ Sailing Vessels	1,702	9,742	1,036	5,434	1,523	6,996	1,384	6,252	1,563	6,810

Source: Directorate General of Commercial Intelligence and Statistics

## SHIPPING

Table 111- TOTAL SHIPPING IN THE FOREIGN AND COASTAL TRADE  
AT PRINCIPAL PORTS-SUMMARY-contd.

	1950-51		1955-56		1960-61		1965-66		1970-71	
	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)
1	2	3	4	5	6	7	8	9	10	11
MADRAS FORT ST. GEORGE										
Steamers	1,877	7,121	1,739	6,648	2,304	9,493	2,566	1,197	1,811	9,834
Indian	316	1,027	433	1,295	655	2,297	885	3,148	612	3,166
Others	1,561	6,094	1,306	5,353	1,649	7,196	1,681	8,049	1,199	6,668
Sailing Vessels	95	6	165	18	32	2	17	2	6	1
Total Steamers/ Sailing Vessels	1,972	7,127	1,904	6,666	2,336	9,495	2,583	11,199	1,817	9,835
VISAKHAPATNAM										
Steamers	..	..	..	..	..	..	..	..	1,217	8,333
Indian	..	..	..	..	..	..	..	..	372	2,537
Others	..	..	..	..	..	..	..	..	845	5,796
Sailing Vessels	..	..	..	..	..	..	..	..	..	..
Total Steamers/ Sailing Vessels	..	..	..	..	..	..	..	..	1,217	8,333

	1975-76		1980-81		1982-83		1983-84		1984-85	
	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)
1	12	13	14	15	16	17	18	19	20	21
MADRAS FORT ST. GEORGE										
Steamers	1,652	12,484	1,623	13,543	1,929	16,278	2,084	19,557	2,121	22,503
Indian	792	7,561	645	6,242	965	9,485	914	10,443	857	9,483
Others	760	4,923	978	7,301	964	6,793	1,170	9,114	1,264	13,020
Sailing Vessels	1	..	..	..	..	..	152	32	147	31
Total Steamers/ Sailing Vessels	1,653	12,484	1,623	13,543	1,929	16,278	2,236	19,589	2,268	22,534
VISAKHAPATNAM										
Steamers	1,078	8,788	897	10,949	933	10,995	727	7,560	864	9,778
Indian	428	4,004	359	5,510	460	6,053	344	4,008	413	6,098
Others	650	4,784	538	5,439	473	4,942	383	3,552	451	3,680
Sailing Vessels	..	..	32	3	24	4	22	3	32	7
Total Steamers/ Sailing Vessels	1,078	8,788	929	10,952	957	11,999	749	7,563	896	9,785

## SHIPPING

Table 111- TOTAL SHIPPING IN THE FOREIGN AND COASTAL TRADE  
AT PRINCIPAL PORTS-SUMMARY-contd.

	1950-51		1955-56		1960-61		1965-66		1970-71	
	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)
1	2	3	4	5	6	7	8	9	10	11
COCHIN										
Steamers	1,933	5,124	1,787	5,492	2,191	7,004	2,035	8,057	1,763	7,259
Indian	901	1,215	699	1,058	1,028	1,925	867	2,312	735	1,948
Others	1,032	3,909	1,088	4,434	1,163	5,079	1,168	5,745	1,028	5,311
Sailing Vessels	825	65	540	44	264	28	176	19	2,364	258
Total Steamers/ Sailing Vessels	2,758	5,189	2,327	5,536	2,455	7,032	2,211	8,076	4,127	7,517

	1975-76		1980-81		1982-83		1983-84		1984-85	
	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)
1	12	13	14	15	16	17	18	19	20	21
COCHIN										
Steamers	1,703	8,204	609	5,401	632	3,695	479	3,609	834	5,004
Indian	640	2,393	136	1,492	163	1,120	74	715	181	1,334
Others	1,063	5,811	473	3,909	469	2,575	405	2,894	653	3,670
Sailing Vessels	208	26	..	..	..	..	..	..	..	..
Total Steamers/ Sailing Vessels	1,911	8,230	609	5,401	632	3,695	479	3,609	834	5,004

## SHIPPING

Table 111- TOTAL SHIPPING IN THE FOREIGN AND COASTAL TRADE  
AT PRINCIPAL PORTS-SUMMARY-concl'd.

	1970-71		1975-76		1980-81		1984-85		1985-86	
	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)
1	2	3	4	5	6	7	8	9	10	11
KANDLA (1)										
Steamers	376	1,818	545	3,563	838	6,339	1,092	6,483	1,098	5,332
Indian	158	643	160	1,221	286	2,234	281	2,015	395	2,764
Others	218	1,175	385	2,342	552	4,105	811	4,468	703	2,568
Sailing Vessels	45	1	..	..	..	..	..	..	..	..
Total Steamers/ Sailing Vessels	421	1,819	545	3,563	838	6,339	1,092	6,483	1,098	5,332

	1970-71		1975-76		1980-81		1984-85		1984-85	
	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)	No.	GRT (000)
1	2	3	4	5	6	7	8	9	10	11
MARMUGAO (1)										
Steamers	1,191	8,719	1,158	10,809	1,166	11,912	1,244	13,951	954	12,868
Indian	204	1,705	307	2,904	231	1,744	538	2,954	401	3,111
Others	987	7,014	851	7,905	935	10,168	706	10,997	553	9,757
Sailing Vessels	793	48	733	47	691	48	224	17	218	21
Total Steamers/ Sailing Vessels	1,984	8,767	1,891	10,856	1,857	11,960	1,468	13,968	1,172	12,889

Note: Data for Paradip port is not available.

## SHIPPING

Table 112-GROSS WEIGHT OF CARGO HANDLED AT MAJOR PORTS

(000' tonnes)

	1958-59		1960-61		1965-66		1970-71		1975-76	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
1	2	3	4	5	6	7	8	9	10	11
CALCUTTA	5,604	4,714	5,492	4,009	5,284	4,564	3,247	2,767	4,479	3,220
Coastal trade	1,227	1,357	1,483	1,464	1,624	1,396	1,375	292	669	1,200
Foreign trade	4,377	3,357	4,009	2,545	3,660	3,168	1,872	2,475	3,810	2,020
BOMBAY	9,450	3,870	10,795	3,926	12,976	5,140	10,858	3,546	12,634	4,043
Coastal trade	1,212	1,906	1,223	2,011	1,406	2,968	1,364	1,793	974	1,345
Foreign trade	8,238	1,964	9,572	1,915	11,570	2,172	9,494	1,753	11,660	2,698
MADRAS	1,917	628	2,128	911	3,299	1,573	3,737	3,188	5,087	2,796
Coastal trade	669	38	768	50	1,126	50	178	429	288	184
Foreign trade	1,248	590	1,360	861	2,173	1,523	3,559	2,759	4,799	2,612
VISAKHAPATNAM	1,164	1,312	1,386	1,462	1,894	2,564	2,326	6,408	2,876	5,672
Coastal trade	18	324	13	668	21	561	104	284	61	72
Foreign trade	1,146	988	1,373	794	1,873	1,903	2,222	6,124	2,815	5,600
COCHIN	1,427	402	1,621	466	2,413	540	3,447	1,392	3,321	937
Coastal trade	816	140	913	190	1,050	236	155	941	408	603
Foreign trade	611	262	708	276	1,363	304	3,292	451	2,913	334
KANDALA	619	239	1,231	342	2,336	169	1,474	138	2,924	279
Coastal trade	265	51	335	65	493	74	673	32	818	25
Foreign trade	354	188	896	277	1,843	95	801	106	2,106	254
PARADIP (1)	..	..	..	..	..	..	1	2,156	51	3,127
Coastal trade	..	..	..	..	..	..	1	..	1	11
Foreign trade	..	..	..	..	..	..	..	2,156	50	3,116
MARMUGAO (1)	..	..	..	..	..	..	353	10,652	675	12,093
Coastal trade	..	..	..	..	..	..	267	..	459	..
Foreign trade	..	..	..	..	..	..	86	10,652	216	12,093
TOTAL(MAJOR PORTS)										
Coastal trade	4,207	3,816	4,735	4,448	5,720	5,535	4,117	3,771	3,678	3,440
Foreign trade	15,974	7,349	17,918	6,668	22,482	9,165	21,365	26,476	28,369	28,727
GRAND TOTAL	20,181	11,165	22,653	11,116	28,202	14,500	25,482	30,247	32,047	32,167

Source: Directorate General of Commercial Intelligence and Statistics

(1) Data for the earlier years is not available.

## SHIPPING

Table 112-GROSS WEIGHT OF CARGO HANDLED AT MAJOR PORTS-contd.

(000' tonnes)

1	1979-80		1980-81		1982-83		1984-85		1985-86	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	12	13	14	15	16	17	18	19	20	21
CALCUTTA	6,001	2,520	6,988	2,302	7,005	3,444	7,078	3,456	8,520	3,607
Coastal trade	696	1,101	1,005	1,147	1,016	2,497	1,338	2,496	937	2,784
Foreign trade	5,305	1,419	5,983	1,155	5,989	947	5,740	960	7,583	823
BOMBAY	11,360	4,641	12,766	4,428	11,756	11,465	11,375	15,571	11,956	12,363
Coastal trade	2,655	1,715	1,134	1,826	712	8,849	1,042	12,013	779	9,361
Foreign trade	8,705	2,926	11,632	2,602	11,044	2,616	10,333	3,558	11,177	3,002
MADRAS	5,706	4,280	6,412	3,963	7,446	4,627	8,050	6,082	9,303	7,041
Coastal trade	259	360	186	581	172	884	1,291	1,036	3,479	1,121
Foreign trade	5,447	3,920	6,226	3,382	7,274	3,743	6,759	5,046	5,824	5,920
VISAKHAPATNAM	4,067	6,162	4,022	6,213	4,112	6,066	4,772	6,331	6,444	6,970
Coastal trade	223	50	506	138	700	48	1,723	254	2,434	781
Foreign trade	3,844	6,112	3,516	6,075	3,412	6,018	3,049	6,077	4,010	6,189
COCHIN	4,356	1,108	4,112	1,121	4,471	1,238	3,676	288	4,559	720
Coastal trade	475	690	595	831	943	526	1,489	66	2,756	222
Foreign trade	3,881	418	3,517	290	3,528	712	2,187	222	1,803	498
KANDALA	6,809	463	8,241	575	12,000	651	14,570	1,175	15,175	1,310
Coastal trade	1,092	10	1,345	81	4,451	123	6,801	409	6,730	381
Foreign trade	5,717	453	6,896	494	7,549	528	7,769	766	8,445	929
PARADIP (1)	391	1,915	316	1,978	523	1,048	193	1,944	957	2,374
Coastal trade	3	..	-	-	..	..	1	82	..	282
Foreign trade	388	1,915	316	1,978	523	1,048	192	1,862	957	2,092
MARMUGAO	1,055	13,450	858	13,096	980	11,733	1,150	13,149	1,325	14,494
Coastal trade	400	2	229	-	445	5	333	30	592	..
Foreign trade	655	13,448	629	13,096	535	11,728	817	13,119	733	14,494
TOTAL(MAJOR PORTS)										
Coastal trade	5,804	3,928	5,000	4,604	8,439	12,932	14,018	16,386	17,707	14,932
Foreign trade	33,942	30,611	38,715	29,072	39,854	27,340	36,846	31,610	40,532	33,947
GRAND TOTAL	39,746	34,539	43,715	33,676	48,293	40,272	50,864	47,996	58,239	48,879

(1) Data for the earlier years is not available.



## *CIVIL AVIATION*

The section presents tables relating to revenue traffic carried by Indian scheduled operators, namely, Air India and Indian Airlines. These two Corporations came into being in August, 1953 on nationalisation of air transport in India. Indian Airlines operates on routes inside India and on international routes to adjacent countries while Air India operates mainly on international routes. The data for domestic and international services have been shown separately. For ensuring international comparability of data, the standards laid down by International Civil Aviation Organisation (ICAO) have been adopted.

The source for these data is Office of the Director General of Civil Aviation, Ministry of Civil Aviation who publish these in their publication "Indian Air Transport Statistics".

Table 113

Table 113 presents statistics relating to passengers and cargo traffic carried and operating revenue earned by the scheduled operations in domestic and international services separately.

Table 114

As regards "VAYUDOOT" scheduled operations, the operational data is incomplete. Table 114 presents similar data for Indian non-scheduled operations. Various technical terms used in these tables are defined below:

Hours flown- These figures present the total number of hours flown by planes carrying the Revenue traffic.

Aircraft Kilometres flown- These figures represent the total kilometres flown by planes carrying the revenue traffic.

Tonne Kilometres available- The figures are obtained by multiplying the total tonnage offered to the public for air transportation of passengers, freight and mail by the kilometres flown.

Passenger, Freight and Mail carried - The number of passengers carried represents the total number of passenger carried on different air-routes treating passengers travelling by planes for two or more routes as having performed two or more journeys. These figures relating to the weight of freight and mail carried are expressed in tonnes.

Passenger Kilometres performed- The figures are obtained by adding up the kilometres travelled by each passenger.

Tonne Kilometres performed- Represents aggregates based on the product of the tonnage of freight or mail as the case may be, and the distance through which the load was carried. The figures relating to total load tonne kilometres take into account all kinds of traffic including passengers.

Passenger Load Factor- Represents the percentage of passenger kilometres flown to the seat kilometres available.

Weight Load Factor- Represents the percentage of tonne-kilometres performed (passenger, freight and mail) to the tonne kilometres available.

## CIVIL AVIATION

Table 113- INDIAN SCHEDULED OPERATIONS

Item/Year	Unit	1951	1956	1961	1966	1971
1	2	3	4	5	6	7
<b>I.Domestic Services</b>						
1. Hours flown	'000 hrs	87	92	104	95	90
2. Aircraft kilometres flown	lakh kms	220	230	278	308	334
3. Passengers carried	'000 nos	301	368	745	1,261	2,056
4. Passenger kilometres performed	lakhs	2,350	2,768	5,745	10,092	15,777
5. Passenger load factor		..	60.9	71.5	72.0	69.1
6. Cargo carried	'000 tonnes	40	45	40	21	26
(i) Freight	'000 tonnes	37	40	34	12	16
(ii) Mail	'000 tonnes	3	5	6	9	10
7.Tonne kilometres performed	lakhs	407	491	751	1,078	1,598
(i) Passenger	lakhs	..	247	510	895	1,359
(ii) Freight	lakhs	170	197	179	93	141
(iii) Mail	lakhs	..	48	62	90	98
8. Weight load factor		..	69.9	75.0	73.5	72.0
9. Operative revenue earned	Rs. lakhs	..	602	1,202	2,223	4,584
(i) Passenger	Rs. lakhs	..	358	887	1,883	3,998
(ii) Freight	Rs. lakhs	..	159	201	169	361
(iii) Mail	Rs. lakhs	..	85	114	171	225
<b>II.International Services</b>						
1. Hours flown	'000 hrs	31	44	35	29	40
2. Aircraft kilometres flown	lakh kms	94	148	166	190	259
3. Passengers carried	'000 nos.	148	191	229	288	491
4. Passenger kilometres performed	lakhs	1,789	4,023	6,981	11,530	20,314
5. Passenger load factor		..	6.38	46.7	47.7	48.7
6. Cargo carried	'000 tonnes	3	5	8	11	19
(i) Freight	'000 tonnes	3	4	6	9	18
(ii) Mail	'000 tonnes	..	1	2	2	1
7.Tonne kilometres performed	Rs. lakhs	231	500	951	1,644	2,903
(i) Passenger	Rs. lakhs	..	359	625	1,056	1,854
(ii) Freight	Rs. lakhs	49	100	264	501	971
(iii) Mail	Rs. lakhs	..	41	62	87	78
8. Weight load factor		..	61.4	44.5	49.8	50.4
9. Operative revenue earned	Rs. lakhs	..	1,004	1,934	4,002	7,013
(i) Passenger	Rs. lakhs	..	740	1,411	2,911	5,273
(ii) Freight	Rs. lakhs	..	123	321	726	1,406
(iii) Mail	Rs. lakhs	..	141	202	365	334

Source: Director General of Civil Aviation,  
Ministry of Civil Aviation

## CIVIL AVIATION

Table 113- INDIAN SCHEDULED OPERATIONS-contd.

Item/Year	Unit	1976	1981	1986	1987	1988
1	2	8	9	10	11	12
<b>I. Domestic Services</b>						
1. Hours flown	'000 hrs	103	98	125	126	119
2. Aircraft kilometres flown	lakh kms	433	444	631	662	621
3. Passengers carried	'000 nos	3,538	5,560	9,176	9,986	9,720
4. Passenger kilometres performed	lakhs	27,924	44,583	74,633	81,103	83,145
5. Passenger load factor		72.8	59.0	74.7	77.7	81.1
6. Cargo carried	'000 tonnes	39	80	108	117	123
(i) Freight	'000 tonnes	26	63	90	100	106
(ii) Mail	'000 tonnes	13	17	18	17	17
7. Tonne kilometres performed	lakhs	2,609	4,384	7,223	7,824	8,014
(i) Passenger	lakhs	2,246	3,617	6,138	6,624	6,765
(ii) Freight	lakhs	235	598	910	1,022	1,076
(iii) Mail	lakhs	128	169	175	178	173
8. Weight load factor		73.2	63.9	70.0	72.2	76.4
9. Operative revenue earned	Rs. lakhs	11,162	31,909	71,404	85,030	82,737
(i) Passenger	Rs. lakhs	9,819	28,501	65,557	76,912	75,018
(ii) Freight	Rs. lakhs	838	2,341	4,414	6,472	6,125
(iii) Mail	Rs. lakhs	505	1,067	1,433	1,646	1,594
<b>II. International Services</b>						
1. Hours flown	'000 hrs	53	64	70	79	82
2. Aircraft kilometres flown	lakh kms	336	437	463	528	553
3. Passengers carried	'000 nos.	997	1,938	2,309	2,547	2,713
4. Passenger kilometres performed	lakhs	45,546	75,800	79,623	90,420	95,379
5. Passenger load factor		62.4	66.70	68.5	68.9	68.2
6. Cargo carried	'000 tonnes	42	74	88	105	105
(i) Freight	'000 tonnes	40	70	86	103	103
(ii) Mail	'000 tonnes	2	4	2	2	2
7. Tonne kilometres performed	Rs. lakhs	6,240	10,779	11,966	13,842	14,261
(i) Passenger	Rs. lakhs	3,800	6,895	7,391	8,336	8,806
(ii) Freight	Rs. lakhs	2,315	3,680	4,474	5,409	5,370
(iii) Mail	Rs. lakhs	125	204	101	97	85
8. Weight load factor		63.8	63.5	62.2	69.5	63.9
9. Operative revenue earned	Rs. lakhs	27,062	54,210	81,715	90,166	103,404
(i) Passenger	Rs. lakhs	20,847	40,953	60,817	66,346	78,699
(ii) Freight	Rs. lakhs	5,602	12,503	20,339	23,179	24,083
(iii) Mail	Rs. lakhs	613	754	559	641	622

## CIVIL AVIATION

Table 114- INDIAN NON-SCHEDULED OPERATIONS

Year	Hours flown	Kilo-metres flown ('000 kms)	Passengers carried (no.)	Freight carried (tonnes)	Freight carried ('000 tonnes)	Total load carried ('000 tonnes kilometres)	Capacity offered	Revenue earned (Rs. '000)
1	2	3	4	5	6	7	8	9
AIR INDIA								
1953	52	21	194	..	..	67	123	127
1956	655	255	1,931	24	94	949	1,673	2,049
1961	2,226	855	16,727	737	950	4,671	7,408	6,936
1966	109	83	1,729	36	169	1,105	1,535	2,442
1971	140	933	18,553	427	2,120	8,753	19,994	16,524
1976	1,235	844	25,154	1,532	2,341	8,282	18,424	55,689
1981	541	379	11,621	390	882	4,381	13,772	..
1986	942	638	13,276	514	1,930	5,859	19,474	..
1987	1,008	683	20,407	625	3,012	9,224	26,059	89,026
1988	779	531	19,609	216	581	6,366	23,385	..
INDIAN AIR LINES (1)								
1953	15,857	4,030	73,644	23,739	7,850	10,917	13,830	8,627
1956	10,567	2,483	68,259	10,723	2,334	4,262	6,818	8,002
1961	4,480	1,174	24,084	1,916	628	1,739	2,901	4,130
1966	4,338	1,196	38,853	415	267	2,603	4,186	6,646
1971	2,233	667	30,913	286	178	1,668	3,496	5,400
1976	1,458	580	51,018	326	316	3,257	4,921	13,722
1980	85	35	1,653	13	..	..	3	..
PURELY NON-SCHEDULED OPERATIONS								
1953	10,973	2,954	21,061	16,429	7,875	8,736	9,396	6,909
1956	22,783	6,487	44,190	33,284	16,333	18,399	19,750	10,364
1961	37,377	7,539	68,997	36,474	39,871	43,413	44,866	17,734
1966	18,142	4,754	42,136	27,047	36,236	48,020	92,028	17,534
1971	8,445	2,006	29,031	6,127	4,026	5,292	6,817	11,058
1976	4,453	1,107	10,115	2,352	2,911	3,251	3,593	15,377
1981	3,549	1,452	29,308	9	173	4,152	7,012	..
1986	2,177	263	9,892	-	-	156	344	..
1987	10,878	1,947	167,140	310	..	156	347	87,141
1988	9,787	1,776	160,096	310	..	..	..	80,154

Source: Director General of Civil Aviation,  
Ministry of Civil Aviation

(1) Data not available from 1981 onwards.

## ***TOURISM***

**F**oreign tourists coming to India- The Department of Tourism has adopted the following definition as per recommendation of "U.N. Conference of International Tourism, Rome, 1963".

'A foreign tourist is a person visiting India on a foreign passport staying at least twentyfour hours in India and the purpose of whose journey can be classified under one of the following headings:

- (i) Leisure(recreation, holiday, health, study, religion and sport);
- (ii) Business, family, mission, or meeting'.

The following are not regarded as "foreign tourists".

1. Persons arriving, with or without a contract, to take up an occupation or engage in activities remunerated from within the country;
2. Persons coming to establish residence in the country;
3. "Excursionists" i.e. temporary visitors staying less than twentyfour hours in the country visited (including travellers on cruises).

Statistics in this publication do not include the following:

1. Nationals of Pakistan and Bangladesh prior to 1981,
2. All foreigners entering India from Bhutan by land,
3. All foreigners entering India through land routes along Indo-Nepal Border.
4. Children who are less than 3 years of age.

## TOURISM

Table 115- NUMBER OF FOREIGN TOURISTS TO INDIA

Nationality	1951	1961	1966	1971	1976	1981	1985	1986	1987	1988
1	2	3	4	5	6	7	8	9	10	11
NORTH AMERICA	3,628	33,268	44,347	62,027	76,365	107,410	124,942	165,223	172,650	160,400
Canada	128	1,923	2,888	7,045	14,365	25,358	29,022	39,837	37,677	37,498
U.S.A.	3,500	31,345	41,459	54,982	62,000	82,052	95,920	125,364	134,876	122,888
Others	..	..	..	..	..	..	..	22	97	14
CENTRAL AND SOUTH AMERICA	63	1,833	2,299	3,441	5,418	11,157	8,016	6,893	7,811	8,778
Argentina	5	437	471	633	738	1,652	1,028	935	1,032	1,283
Brazil	42	293	430	691	1,294	1,331	1,469	1,211	1,467	1,871
Chile	3	118	136	147	226	319	238	228	365	238
Columbia	..	90	109	158	308	523	808	686	495	530
Mexico	4	523	506	737	1,115	3,489	1,637	1,327	1,439	1,693
Others	9	372	647	1,075	1,737	3,843	2,836	2,506	3,013	3,163
AFRICA	268	17,701	11,928	24,716	27,349	45,278	40,279	50,607	51,898	58,014
Ethiopia	2	52	62	486	656	1,176	1,854	3,076	3,128	3,853
Ghana	..	71	39	170	254	504	651	753	625	697
Kenya	..	11,420	4,799	6,605	6,321	8,740	6,084	8,057	9,078	11,787
Malawi	..	..	259	406	364	369	377	95	152	236
Mauritius	..	83	84	930	3,007	3,973	3,026	4,992	3,455	3,281
Nigeria	..	85	98	441	1,022	5,888	10,872	10,472	5,985	6,371
Somalia	..	..	22	62	264	1,158	1,991	1,718	2,035	2,152
South Africa	237	1,189	1,222	3,372	5,694	9,917	3,093	4,375	9,335	11,531
Sudan	-	-	45	186	540	1,132	2,225	2,530	2,906	3,109
Tanzania	..	2,398	2,180	5,843	3,866	5,661	4,133	4,645	5,582	5,983
U.A.R.	23	388	281	881	1,447	1,725	1,784	2,996	2,090	2,702
Uganda	..	1,229	1,772	3,459	463	444	385	461	323	460
Zambia	..	..	445	1,320	1,949	2,207	1,765	2,542	1,921	2,214
Zimbabwe	..	349	50	144	223	30	45	490	777	569
Others	6	437	570	411	1,279	2,354	1,994	3,405	4,506	3,069
AUSTRALASIA	247	2,903	5,691	13,931	27,089	26,993	27,322	40,256	41,674	40,735
Australia	242	2,302	4,760	10,936	21,719	20,940	22,047	33,264	32,883	31,462
Fiji	..	110	117	706	1,282	1,247	858	1,061	949	988
New Zealand	5	442	813	2,286	4,041	4,785	4,267	5,668	7,265	7,775
Others	..	49	1	3	47	21	150	263	577	510

Source: Ministry of Tourism

## TOURISM

Table 115- NUMBER OF FOREIGN TOURISTS TO INDIA-contd.

Nationality	1951	1961	1966	1971	1976	1981	1985	1986	1987	1988
1	2	3	4	5	6	7	8	9	10	11
WESTERN EUROPE	8,018	38,552	48,511	104,081	217,524	331,326	305,408	430,086	456,544	521,328
Austria	20	422	916	1,790	5,096	7725	6,878	8,956	8,027	10,449
Belgium	..	417	814	2,131	5,940	6,999	5,812	10,135	9,123	10,161
Denmark	142	526	900	2,483	3,276	5,485	5,480	5,940	7,427	7,179
Finland	12	156	314	691	1,037	1,518	2,277	2,092	2,645	3,132
France	506	3,033	6,232	16,779	39,026	57,272	44,091	65,948	64,432	69,799
Federal Republic of Germany	206	4,835	7,677	17,867	34,082	54,311	44,790	61,397	70,697	76,371
Ireland	31	146	247	735	1,262	1,666	2,203	2,826	2,912	3,121
Italy	185	1,643	2,038	5,982	16,828	28,503	23,187	38,548	41,151	47,612
Greece	32	284	503	896	1,664	2,477	2,057	1,637	2,064	2,244
Netherland	297	1,202	1,386	3,692	8,322	10,780	13,158	15,297	18,819	21,327
Norway	89	247	508	743	1,812	2,597	2,663	3,916	3,774	4,531
Portugal	92	659	255	855	3,426	2,435	2,374	2,392	2,685	3,471
Spain	49	194	657	1,075	5,624	10,504	7,578	14,266	16,481	16,116
Sweden	176	900	1,303	2,791	5,063	7,685	3,037	9,705	11,158	13,080
Switzerland	140	1,649	2,945	5,394	9,810	14,111	14,855	25,850	27,791	31,147
U.K.	5,984	22,191	21,723	40,005	74,926	116,684	119,544	160,685	166,590	200,509
Others	57	48	93	172	330	574	424	496	768	1,079
EASTERN EUROPE	170	5,482	4,401	7,912	16,640	22,855	28,774	35,839	47,154	53,765
Bulgaria	..	77	47	234	378	566	437	347	703	687
Czechoslovakia	18	526	883	1,089	1,340	1,048	914	4,715	3,993	3,321
German Democratic Republic	(b)	(b)	(b)	651	763	1,160	948	3,414	1,603	1,172
Hungary	32	216	215	505	861	1,494	1,405	1,430	2,013	1,893
Poland	28	347	471	592	1,505	4,316	8,915	7,180	8,248	10,648
Romania	2	199	128	225	288	418	322	297	302	172
U.S.S.R.	67	3,737	2,215	3,522	9,474	12,009	14,202	17,069	27,968	33,739
Yugoslavia	18	376	440	1,090	2,030	1,843	1,628	1,387	2,324	2,133
Others	5	4	2	4	1	201	3	-	-	-
WEST ASIA	772	4,766	5,455	9,822	41,811	93,036	90,820	115,696	121,952	122,991
Bahrein	..	979	1,200	1,821	10,394	12,031	10,481	13,948	14,911	15,182
Dubai	..	581	418	1,779	10,924	16,949	20,784	28,084	31,180	29,385
Iraq	12	143	182	335	1,352	4,219	1,220	1,611	2,484	4,829
Israel	148	277	555	1,056	1,349	2,569	1,448	1,707	2,473	2,620
Jordan	..	57	77	338	1,169	1,991	2,410	2,702	2,835	3,481
Kuwait	..	197	249	508	2,013	4,282	4,959	5,731	8,082	10,041
Lebanon	7	146	279	458	1,139	1,306	761	666	733	967
Oman	..	569	399	1,264	4,491	9,494	14,081	18,246	17,586	16,140
Qatar	..	221	213	239	3,693	5,851	4,120	4,171	5,243	3,898
Saudi Arabia	581	457	379	874	2,932	26,024	20,728	27,282	24,475	22,612
Turkey	16	83	100	243	591	884	606	1,753	2,535	2,297
Yemen	..	..	86	676	1,150	6,150	7,464	8,509	8,072	9,097
Others	8	1,056	1,318	231	614	1,286	1,758	1,286	1,343	2,460

(a) Includes German Democratic Republic also.

(b) Included in Federal Republic of Germany.

## TOURISM

Table 115- NUMBER OF FOREIGN TOURISTS TO INDIA-concl'd.

Nationality	1951*	1961	1966	1971	1976	1981	1985	1986	1987	1988
1	2	3	4	5	6	7	8	9	10	11
SOUTH ASIA	1,711	18,027	17,839	27,999	54,461	539,846	539,365	491,885	451,064	484,871
Afghanistan	3	2,035	1,666	6,177	11,485	12,841	6,711	7,765	11,841	18,254
Bangladesh	..	..	..	..	..	192,509	272,350	204,260	185,296	200,617
Iran	420	726	929	2,826	7,940	12,314	23,305	20,697	23,571	20,215
Nepal	19	428	771	2,419	3,874	11,851	15,883	13,957	16,965	19,715
Pakistan	..	..	..	..	..	233,553	150,126	166,766	135,220	150,052
Srilanka	1,269	14,838	14,473	16,577	30,963	75,842	69,063	75,631	74,351	70,640
Others	..	..	-	-	199	936	1,927	2,809	3,820	5,378
SOUTH EAST ASIA	1,146	12,431	13,270	31,788	39,646	65,179	54,663	67,816	71,987	74,493
Burma	781	2,814	758	419	428	2,139	1,171	590	1,113	577
Indonesia	154	824	354	1,228	1,796	2,161	2,011	4,438	2,942	2,639
Malaysia	9	7,451	9,449	17,752	18,774	26,458	23,265	26,209	28,480	29,635
Philippines	98	469	1,420	1,050	1,798	3,893	3,027	2,283	2,907	3,494
Singapore	(c)	(c)	(c)	7,623	10,446	17,950	18,485	24,189	26,380	27,565
Thailand	92	594	1,005	3,447	6,097	12,157	6,051	9,588	9,586	9,910
Others	12	279	284	269	307	421	653	519	579	673
EAST ASIA	768	4,841	5,807	13,885	26,661	35,267	39,099	46,172	61,059	64,699
China	260	722	145	242	448	1,371	2,247	1,533	1,705	2,099
Hong Kong	..	91	450	1,293	1,750	1,723	1,327	4,071	6,592	7,395
Japan	505	3,940	4,932	11,618	22,891	29,032	30,573	36,402	46,240	49,244
Korea	3	88	257	670	1,339	2,665	3,939	2,992	4,117	4,503
Others	-	-	23	62	233	476	1,013	1,174	2,405	1,458
STATELESS	38	..	55	1,393	987	863	696	603	497	587
GRAND TOTAL	16,829	139,804	159,603	300,995	533,951	1,27,9210	1,259,384	1,451,076	1,484,290	1,590,661

(c) Included in Malaysia.



## ***POSTS AND TELECOMMUNICATIONS***

**T**his section presents operating and financial data relating to the different branches of the Posts and Telecommunications departments, including the Post Office Savings Banks. This comprises statistics of the number of offices and the length in kilometres of telegraph lines as well as the volume of traffic handled by those offices and/or sent over the wires which can be used to study the growth of traffic with the expansion of facilities and vice versa. For details, Annual Report and the Statistical Digest published by the Departments of Posts and Telecommunications, Ministry of Communications may be seen.

Table 116

This table provides the general all India statistics of post offices, namely, number of post offices, letter boxes, postal articles, money orders, etc. This table also provides data regarding the total strength of establishments and length of railways, roads etc. over which the mail was carried.

Table 117

This table presents estimated number of postcards, letters, newspapers, parcels and packets handled by the post offices. The table also presents the actual number of registered, insured and value payable articles. In the case of unregistered postal traffic, it is not possible to maintain day-to-day statistics of the actual number of articles handled by the post offices. The number of unregistered articles is, therefore, estimated from a count of articles in all post offices in India taken during the one week in February (representing busy season) and one week in August (representing slack season).

Table 118

This table, in addition to all India totals for earlier years, presents circle-wise information for latest year regarding number of post offices, letter boxes, postal articles, etc.

Table 119

This table provides circle-wise and all India information regarding number and amount of money orders issued and paid. The data for Indian and foreign money orders are shown separately.

Table 120

This table presents number of post office savings banks, number of depositors and amount deposited and withdrawn.

Table 121

This table provides data regarding receipts and expenditure of Post Offices by heads. Receipts under postage including both sale of stamps and postage paid in cash, i.e., (i) postage prepaid in cash in post offices, (ii) credits afforded in the schedule of customs duty on account of postal redirection fees and insurance fees realised on delivery of inward foreign parcels, (iii) charges for resetting franking machines, and (iv) cash realised for unpaid or insufficiently paid postal articles.

## Table 122

This table presents the figures of expenditure of post offices under capital account.

## Tables 123 to 125

These tables respectively show summary statistics regarding telegraph lines, telephone lines and telephone offices.

## Tables 126 and 127

These tables show data relating to paid telegraphic messages and telegraphic offices respectively.

## Table 128

This table presents data regarding number of radio messages received and sent. Radio telegrams included only the messages sent to ships from coastal offices.

## Tables 129 and 130

The general financial results of the Telecommunications Departments are presented in table 129 and those of Posts and Telecommunications Departments are shown in table 130.

## POSTS AND TELECOMMUNICATIONS

Table 116-GENERAL STATISTICS OF POST OFFICES

	Unit	1950-51	1955-56	1960-61	1965-66	1970-71
1	2	3	4	5	6	7
1. Post offices	no.	36,094	55,042	76,839	96,936	109,059
2. Letter boxes(permanent)	no.	84,949	111,229	143,157	169,735	181,618
3. Total strength of establishments(1)	no.	194,755	284,501	372,953	498,067	597,765
4. Length of railways, roads, etc. over which the mails were carried	kms.	267,972	391,846	516,965	675,165	704,296
5. No. of postal articles handled (excluding money orders)	crores	227.0	299.7	402.9	593.9	645.7
6. No. of inland money orders issued(2)	('000)	51,320	65,048	75,823	91,333	94,540
7. No. of value payable articles sent	('000)	10,729	8,981	8,442	10,977	10,090
8. Mobile post offices	no.	..	..	9	13	17

	Unit	1975-76	1980-81	1985-86	1986-87	1987-88
1	2	8	9	10	11	12
1. Post offices	no.	181,481	139,224	144,396	143,987	144,829
2. Letter boxes(permanent)	no.	249,781	494,414	495,143	482,684	481,757
3. Total strength of establishments(1)	no.	685,580	851,582	597,749 (b)	589,043 (b)	589,798 (b)
4. Length of railways, roads, etc. over which the mails were carried	kms.	948,804	1,258,405	1,444,528	1,455,910	1,438,163
5. No. of postal articles handled (excluding money orders)	crores	740.0	973.0	1,211.0	1,263.0	1,341.5
6. No. of inland money orders issued(2)	('000)	103,719	111,770	123,819	120,534	120,650
7. No. of value payable articles sent	('000)	10,363	11,149	10,248	7,629	8,869
8. Mobile post offices	no.	19	37,510 (a)	29,742	(c)	(c)

Source: Department of Posts,  
Ministry of Communications

(1) Inclusive of audit and accounts establishments.

(2) Data relate to ordinary and telegraphic inland money orders issued.

(a) Sudden spurt of figures in the number of mobile post offices is due to the launching of mobile post office scheme for rural areas of the country w.e.f. 1979-80.

(b) Relates to Department of Posts.

(c) The mobile post office service has been suspended.

## POSTS AND TELECOMMUNICATIONS

Table 117- ESTIMATED NUMBER OF POSTCARDS, LETTERS, NEWSPAPERS, PARCELS AND PACKETS  
( '000 numbers)

	1950-51	1955-56	1960-61	1965-66	1970-71
1	2	3	4	5	6
1. Postcards	925,634	1,186,267	1,579,189	2,082,664	1,964,758
2. Letters	975,250	1,305,937	1,746,008	2,847,381	3,405,382
Paid and service(1)	892,543	1,205,513	1,627,977	2,679,246	3,215,833
Unpaid(2)	22,824	24,699	27,057	36,918	40,930
Registered	53,221	69,762	84,622	121,816	138,754
Insured	2,838	2,799	2,966	3,660	4,453
Value payable	3,824	3,164	3,386	5,741	5,412
3. Newspapers	134,218	188,908	251,963	367,411	382,726
4. Parcels	20,307	25,200	43,182	53,050	65,585
Registered					
Ordinary	8,165	9,934	12,055	15,111	15,636
Insured	885	1,172	1,137	1,475	1,584
Value payable	4,797	3,917	3,048	3,523	2,730
Unregistered	6,460	10,177	26,941	32,942	45,635
5. Packets	214,659	290,793	408,373	539,742	594,609
Grand Total	2,270,068	2,997,105	4,028,715	5,890,248	6,413,060

	1975-76	1980-81	1985-86	1986-87	1987-88
i	7	8	9	10	11
1. Postcards	2,127,886	2,479,945	2,846,283	2,967,885	3,138,305
2. Letters	4,088,457	5,744,875	7,297,436	7,644,770	8,163,520
Paid and service(1)	3,864,754	5,434,793	6,914,531	7,236,322	7,783,133
Unpaid(2)	54,300	88,225	114,067	145,214	146,492
Registered	160,422	207,930	253,740	250,902	220,525
Insured	4,683	5,358	7,119	6,870	6,547
Value payable	4,298	8,569	7,979	5,462	6,823
3. Newspapers	461,441	623,835	839,681	849,140	864,722
4. Parcels	77,746	112,713	158,103	154,869	152,228
Registered					
Ordinary	13,579	16,461	30,679	18,338	17,897
Insured	1,998	2,406	2,433	2,331	2,515
Value payable	2,335	2,580	2,269	2,167	2,046
Unregistered	59,834	91,266	122,722	132,033	129,770
5. Packets	644,233	771,413	968,897	1,016,086	1,096,787
Grand Total	7,399,763	9,732,781	11,976,959	12,632,750	13,415,562

Source: Department of Posts,  
Ministry of Communications

(1) Including letter cards.

(2) Includes insufficiently paid.

## POSTS AND TELECOMMUNICATIONS

Table 118- NUMBER OF POST OFFICES, LETTER BOXES AND POSTAL ARTICLES  
(EXCLUDING MONEY ORDERS)

Year/Circle	Number of		Distance over which mails carried (in kms.)	Estimated number of postal articles handled (excluding money orders) ('000)
	Post offices	Letter boxes		
1	2	3	4	5
1950-51 . . . . .	36,094	84,949	267,972	2,270,068
1955-56 . . . . .	55,042	111,229	391,846	2,997,105
1960-61 . . . . .	76,839	143,157	546,965	4,028,715
1965-66 . . . . .	96,936	169,735	675,165	6,463,413
1970-71 . . . . .	109,059	181,618	704,296	6,467,240
1975-76 . . . . .	118,481	249,781	948,804	7,399,763
1980-81 . . . . .	139,224	494,414	1,258,405	9,732,781
1985-86 . . . . .	144,396	495,143	1,444,528	12,110,402
1986-87 . . . . .	143,987	482,684	1,455,910	12,632,750
1987-88 . . . . .	144,829	481,787	1,438,163	13,415,562
1987-88 (Circle)				
Andhra Pradesh . . . . .	16,126	43,623	141,722	894,689
Bihar . . . . .	10,969	32,537	65,303	667,937
Delhi . . . . .	527	2,752	11,415	492,001
Gujarat(1) . . . . .	8,598	26,552	75,085	848,794
Haryana . . . . .	2,452	7,128	17,910	215,631
Himachal Pradesh . . . . .	2,433	6,607	18,984	113,510
Jammu & Kashmir . . . . .	1,459	3,255	5,814	136,043
Karnataka . . . . .	9,507	25,704	125,319	719,785
Kerala(2) . . . . .	4,782	17,922	49,925	671,424
Madhya Pradesh . . . . .	10,583	36,858	186,683	581,987
Maharashtra(3) . . . . .	11,861	43,178	146,758	2,271,516
North Eastern(4) . . . . .	5,721	18,269	61,314	481,086
Orissa . . . . .	7,544	21,117	201,986	461,160
Punjab . . . . .	3,774	15,007	31,071	430,364
Rajasthan . . . . .	9,645	24,606	93,811	584,868
Tamil Nadu(5) . . . . .	11,997	55,921	87,837	1,503,446
Uttar Pradesh . . . . .	18,436	61,932	59,894	1,139,703
West Bengal(6) . . . . .	8,415	38,789	57,352	1,201,618

Source: Department of Posts,  
Ministry of Communications

(1) Including Diu, Daman, and D.&amp;N. Haveli.

(2) Including Lakshadweep and Mahe.

(3) Including Goa.

(4) Include Assam, Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland and Tripura.

(5) Including Pondicherry.

(6) Including Sikkim and A.&amp;N. Islands.

## POSTS AND TELECOMMUNICATIONS

Table 119- TOTAL NUMBER AND AMOUNT OF MONEY ORDERS

Year/Circle	Indian Money Orders issued in India		Foreign Money Orders issued & paid in India			
	Number issued ('000)	Amount issued (Rs. '000)	Number		Amount ('000 rupees)	
			Issued	Paid	Issued	Paid
1	2	3	4	5	6	7
1950-51	51,320	1,953,922	57,212	1,759,211	2,381	102,163
1955-56	65,048	2,315,868	307,204	1,469,054	7,988	138,731
1960-61	75,823	3,280,209	2(a)	673,018	..	22,935
1965-66	91,333	7,454,904	14	178,032	..	19,333
1970-71	94,540	6,102,269	255	41,590	26	5,714
1975-76	103,719	9,488,859	35	249,037	5	93,853
1980-81	111,770	12,506,877	1,725	209,002	450	144,974
1985-86	123,819	20,128,253	2,690	112,341	1,064	81,583
1986-87	120,534	21,897,757	3,047	107,385	1,228	104,686
1987-88	120,650	21,963,754	3,427	130,232	1,547	129,086
1987-88 (Circle)						
Andhra Pradesh	8,667	1,325,190	-	6,081	-	7,894
Base	2,420	1,069,205	-	-	-	-
Bihar	4,281	762,649	289	8,407	78	5,485
Delhi	3,223	1,036,990	-	5,202	-	3,958
Gujarat(1)	10,020	1,178,513	-	4,967	-	7,889
Haryana	2,487	679,763	-	-	-	-
Himachal Pradesh	765	189,402	-	-	-	-
Jammu & Kashmir	354	136,367	-	2,681	-	3,070
Karnataka	18,211	1,617,166	-	5,962	-	5,787
Kerala(2)	7,748	1,498,189	-	11,803	-	9,296
Madhya Pradesh	4,341	856,835	-	3,119	-	3,462
Maharashtra(3)	15,772	3,132,055	-	10,464	-	11,771
North Eastern(4)	3,460	1,055,946	729	2,306	341	3,151
Orissa	3,673	529,965	213	4,135	106	4,706
Punjab	3,733	1,160,223	-	8,917	-	10,481
Rajasthan	2,195	440,701	-	4,756	-	3,704
Tamil Nadu(5)	15,560	1,651,531	-	27,832	-	32,132
Uttar Pradesh	5,686	1,525,308	-	8,895	-	8,096
West Bengal(6)	7,812	211,775	2,196	14,705	1,022	8,204

Source: Department of Posts,  
Ministry of Communications

(a) The fall in foreign telegraphic money order traffic is due to suspension of money order service from India to all foreign countries w.e.f. 27-8-1957;

(b) Figures include Haryana, Himachal Pradesh and Punjab.

See other footnotes on pre-page.

## POSTS AND TELECOMMUNICATIONS

Table 120- NUMBER OF POST OFFICE SAVINGS BANKS, DEPOSITORS AND AMOUNT OF DEPOSITS  
(figures in '000)

	1950-51	1955-56	1960-61	1965-66	1970-71
1	2	3	4	5	6
No of banks at the end of the year . . . .	10	12	17	15	18
No. of depositors . . . .	4,090	5,988	9,213	13,728	20,583
Deposits each year . . . .	966,999	1,665,359	2,514,612	3,791,436	5,776,978
Withdrawals each year(1) . . . .	855,305	1,346,259	2,154,817	2,899,462	4,933,013
Balance of deposits . . . .	1,850,614	2,934,972	4,314,241	6,443,034	9,736,973

	1975-76	1980-81	1985-86	1986-87	1987-88
1	7	8	9	10	11
No of banks at the end of the year . . . .	21	36	142*	143*	144*
No. of depositors . . . .	29,497	33,343	41,742	42,196	43,869
Deposits each year . . . .	8,647,840	14,667,676	25,355,651	25,401,805	28,559,844
Withdrawals each year(1) . . . .	8,030,999	13,840,695	23,235,185	22,862,961	26,076,763
Balance of deposits . . . .	13,275,943	18,311,245	24,611,606	27,150,450	29,633,531

Source: Department of Posts,  
Ministry of Communications

(1) Exclusive of transfer transactions.

\* Including branch offices.

## POSTS AND TELECOMMUNICATIONS

Table 121- RECEIPTS AND CHARGES OF THE POST OFFICES

(Rs. '000)

	1950-51	1955-56	1960-61	1965-66	1970-71
1	2	3	4	5	6
<b>Receipts-</b>					
1. Postage (stamps and cash)	186,972	241,334	308,623	454,455	745,706
2. Service postage stamps	32,835	48,233	77,319	90,949	125,216
3. Money order receipts	26,499	37,384	51,414	78,175	124,308
4. Other receipts	4,330	5,803	11,906	47,972	119,108
<b>Deduct-</b>					
5. Net payments to other postal administration	(-)1,051	2,980	(-)7,932	5,340	8,908
6. Telegraph deptt. share of stamps	39,475	35,524	49,480	6,246	13
7. Total-Receipts	212,212	294,250	407,824	659,965	1,105,417
8. Working expenses including contributions/appropriations to renewals reserve fund.	224,300	310,152	438,920	750,156	1,221,842
9. Deduct credit to working expenses	7,448	17,505	24,665	64,516	120,562
10. Working expenses (Net)	216,854	292,646	413,254	685,630	1,101,280
11. Net receipts.	(-)4,662	1,604	(-)5,430	(-)25,664	4,136
12. Interest/dividend to general revenues(1)	354	1,519	3,290	7,170	13,660
13. Net revenue(+) Net expenditure(-)	(-)4,996	(+)84	(-)8,720	(-)32,834	(-)9,524

	1975-76	1980-81	1985-86	1986-87	1987-88
1	7	8	9	10	11
<b>Receipts-</b>					
1. Postage (stamps and cash)	1,152,149	1,958,565	3,376,408	3,836,068	4,520,568
2. Service postage stamps	180,530	253,548	309,022	334,564	420,909
3. Money order receipts	187,176	308,446	563,744	658,052	799,561
4. Other receipts	176,725	267,200	538,792	768,859	771,438
<b>Deduct-</b>					
5. Net payments to other postal administration	18,032	6,669	19,576	22,560	82,686
6. Telegraph deptt. share of stamps	..	..	..	..	..
7. Total-Receipts	1,678,548	2,781,090	4,768,388	5,574,983	6,429,790
8. Working expenses including contributions/appropriations to renewals reserve fund.	2,369,528	3,844,782	7,281,902	9,031,874	10,315,901
9. Deduct credit to working expenses	247,200	387,939	877,959	1,292,544	1,977,455
10. Working expenses (Net)	2,122,327	3,456,843	6,403,943	7,739,330	8,338,446
11. Net receipts.	(-)443,780	(-)675,753	(-)1,635,555	(-)2,164,347	(-)1,908,656
12. Interest/dividend to general revenues(1)	33,666	45,779	-	-	-
13. Net revenue(+) Net expenditure(-)	(-)477,446	(-)721,532	(-)1,635,555	(-)2,164,347	(-)1,908,656

Source: Department of Posts, Ministry of Communications

(1) Item 12 for the year 1965-66 represents the full dividend due for the year.

(a) A scheme for realisation of telegraph charges in cash instead of postage stamps as extended in stages to all telegraphs offices (including combined offices, between 1-4-1962 to 1-1-1965).

Note: Pattern of working expenses revised to bring in conformity with pattern in Tables 129 and 130.



## POSTS AND TELECOMMUNICATIONS

Table 122-POST OFFICE CAPITAL ACCOUNT EXPENDITURE

(Rs.'000)

	1950-51	1955-56	1960-61	1965-66	1970-71
1	2	3	4	5	6
Expenditure-					
During the year	1,464	6,372	10,093	11,244	28,277
Up to the end of the year(1)	26,665	47,111	82,582	162,713	262,511

	1975-76	1980-81	1985-86	1986-87	1987-88
1	7	8	9	10	11
Expenditure-					
During the year	23,879	105,157	319,303	274,336	260,659
Up to the end of the year(1)	436,990	844,948	2,129,551	2,403,887	2,664,546

Source: Department of Posts,  
Ministry of Communications

(1) Inclusive of Rs.10,516,649 portion of capital outlay financed from ordinary revenue from 1955-56 onwards.

Table 123-TELEGRAPHS LINES SUMMARY

('000 kilometres)

	1950-51	1955-56	1960-61	1965-66	1970-71
1	2	3	4	5	6
1. Along Road-					
(a) Line	66	85	102	127	167
(b) Wire	75	99	126	174	251
2. Along Railway-					
(a) Line	72	75	78	79	84
(b) Wire	356	373	407	430	458
3. Cable	1	1	2	3	4
4. Cable conductors	30	29	46	144	181

	1975-76	1980-81	1984-85	1985-86	1986-87
1	7	8	9	10	11
1. Telegraph lines	307	373	481	486	522
2. Telegraph wire	1,979	2,520	2,998	3,150	4,728
3. Telegraph cables	15	*	*	*	*
4. Telegraph conductors	686	*	*	*	*

Source: Department of Telecommunications,  
Ministry of Communications

\* Telegraph Cables and Conductors included in Telephone Line Summary.

## POSTS AND TELECOMMUNICATIONS

Table 124-TELEPHONE LINES-SUMMARY

('000 numbers)

	1950-51	1955-56	1960-61	1965-66	1970-71
1	2	3	4	5	6
1. Kilometres of line (A)	28	36	53	92	144
2. Kilometres of wire on line (B)	730	923	1,213	1,602	2,123
3. Kilometres of cables (C)	9	13	21	36	55
4. Kilometres of cable conductors (D)	1,107	1,574	2,598	5,287	8,632
5. Total kilometres of line (A)&(C)	37	50	77	129	199
6. Total kilometres of wire (B)&(D)	1,837	2,497	3,811	6,892	10,754

	1975-76	1980-81	1984-85	1985-86	1986-87
1	7	8	9	10	11
1. Telephone lines	226	381	462	505	672
2. Trunk lines	..	..	..	..	..
3. Telephone wires	1,580	2,409	2,498	2,732	3,036
4. Trunk wires	..	..	..	..	..
5. Telephone cables	82	121	221	234	459
6. Telephone conductors	11,074	32,269	23,126	23,197	25,781

Source: Department of Telecommunications,  
Ministry of Communications

Table 125-TELEPHONE OFFICES-SUMMARY

	1950-51	1955-56	1960-61	1965-66	1970-71
1	2	3	4	5	6
A. Number of Exchanges-					
(i) Departmental	507	831	1,374	2,711	3,967
(ii) Other than departmental	147	228	212	508	936
(iii) Private branch exchanges	3,033	4,758	6,383	9,482	13,685
B. Total telephones	168,000	278,000	462,797	857,822	1,293,283
C. Total annual rental including trunk and local call fees(Rs.000)(1)	88,895	140,693	228,743	560,364	302,824
D. STD routes	-	-	-	12	43

	1975-76	1980-81	1984-85	1985-86	1986-87
1	7	8	9	10	11
A. Number of Exchanges-					
(i) Departmental	5,240	7,871	10,708	11,478	12,297
(ii) Other than departmental	..	..	..	..	..
(iii) Private branch exchanges	17,525	21,530	24,734	26,191	26,108
B. Total telephones	1,913,824	2,785,096	3,713,584	4,044,049	4,408,886
C. Total annual rental including trunk and local call fees(Rs.000)(1)	2,519,770	5,099,173	8,685,644	9,121,875	..
D. STD routes	..	..	..	..	..

Source: Department of Telecommunications,  
Ministry of Communications

(1) This includes advance collections under Own Your Telephone Scheme.

## POSTS AND TELECOMMUNICATIONS

Table 126-TELEGRAPH STATISTICS

(number: '000)  
(value: Rs.'000)

	1950-51	1955-56	1960-61	1965-66	1970-71
1	2	3	4	5	6
<b>Paid messages-</b>					
<b>Inland Traffic</b>					
State					
Number	2,613	2,957	4,481	4,792	4,674
Value	8,873	8,936	15,345	20,878	28,755
Private(including Press)					
Number	20,614	26,130	29,547	35,656	47,513
Value	33,006	36,066	48,929	68,303	119,670
Total					
Number	23,227	29,087	34,029	40,449	52,187
Value	41,879	45,003	64,274	89,181	148,425
<b>Foreign Traffic</b>					
State					
Number	57	94	98	106	81
Value	501	1,138	659	911	806
Private(including Press)					
Number	4,336	4,316	3,996	3,715	3,359
Value	11,533	13,151	10,210	16,211	16,312
Total					
Number	4,693	4,410	4,093	3,821	3,440
Value	12,033	14,289	10,870	17,122	17,118

	1975-76	1980-81	1984-85	1985-86	1986-87
1	7	8	9	10	11
<b>Paid messages</b>					
<b>Inland Traffic</b>					
State					
Number	5,651	6,913	7,779	8,491	8,276
Value	..	..	..	..	..
Private(including Press)					
Number	57,851	64,488	67,268	67,554	65,949
Value					
Total					
Number	63,502	71,401	75,047	76,045	74,225
Value	..	..	..	..	..
<b>Foreign Traffic</b>					
State					
Number	185	60	60	92	52
Value	..	..	..	..	..
Private(including Press)					
Number	4,000	4,622	1,725	1,431	1,213
Value	..	..	..	..	..
Total					
Number	4,185	4,682	1,785	1,523*	1,265#
Value	..	..	..	..	..

Source: Department of Telecommunications,  
Ministry of Communications

\* Excludes 185 thousand for which breakup is not available.

# Excludes 157 thousand for which breakup is not available.

## POSTS AND TELECOMMUNICATIONS

Table 126-TELEGRAPH STATISTICS-contd.

(number: '000)  
(value: Rs. '000)

	1950-51	1955-56	1960-61	1965-66	1970-71
1	2	3	4	5	6
Total Inland and Foreign Traffic					
State					
Number	2,670	3,051	4,579	4,898	4,754
Value	9,374	10,075	16,004	21,789	29,561
Private(including Press)					
Number	25,307	30,446	33,543	39,472	50,872
Value	45,040	49,217	59,139	84,514	135,982
Grand Total					
Number	27,977	33,497	38,123	44,370	55,627
Value	54,414	59,291	75,144	106,303	165,543
Details of Press messages					
Number	230	323	372	500	533
Value	930	1,460	1,407	3,164	2,676
Inland Telegraphic Money Orders issued					
Number	1,156	1,536	1,769	1,869	2,279
Value	116,637	121,493	154,225	200,938	293,300

	1975-76	1980-81	1984-85	1985-86	1986-87
1	7	8	9	10	11
Total Indian and Foreign Traffic					
State					
Number	5,836	6,973	7,839	8,583	8,328
Value	..	..	..	..	..
Private(including Press)					
Number	61,851	69,110	68,993	68,985	67,162
Value	..	..	..	..	..
Grand Total					
Number	67,687	76,083	76,832	77,568	75,490
Value	..	..	..	..	..
Details of Press messages					
Number	647	657	778	1,292	598
Value	..	..	..	..	..
Inland Telegraphic Money Orders issued					
Number	..	..	..	..	..
Value	..	..	..	..	..

## POSTS AND TELECOMMUNICATIONS

Table 127-TELEGRAPH STATISTICS-OFFICES(1)

	1950-51	1955-56	1960-61	1965-66	1970-71
1	2	3	4	5	6
(A) Offices maintained technically by the Department					
1.Number open for paid traffic-					
(a) Departmental	80	116	148	201	247
(b) Combined	3,586	5,206	6,831	8,581	11,188
2.Number belonging to licensed systems-					
(a) Open for paid traffic-					
(i) Railway	748	1,109	813	529	393
(ii) Canal	119	161	117	113	92
(b) Open for administrative purposes-					
(i) Railway	139	221	168	88	399
(ii) Canal	75	994	1,032	1,466	1,470
(B) Offices maintained by licensed administration-					
(a) Open for paid traffic-					
(i) Railway	3,746	2,962	4,823	3,183	3,473
(ii) Canal	..	1	..	..	67
(b) Open for administrative purposes-					
(i) Railway	500	719	936	1,211	1,198
(ii) Canal	-	-	32	43	-
(C) Telex Exchanges	-	-	-	12	34

	1975-76	1980-81	1984-85	1985-86	1986-87
1	7	8	9	10	11
1. Departmental Telegraphic Offices	306	395	558	588	667
2. Number of Combined Offices	16,253	28,756	36,049	35,420	36,955
3. Open for paid traffic-					
(a) Railway	2,860	2,306	2,302	1,765	1,780
(b) Canal	425	..	407	163	194
4. Open for administrative needs-					
(a) Railway	1,822	2,639	2,275	2,161	1,975
(b) Canal	789	..	843	732	800

Source: Department of Telecommunications,  
Ministry of Communications

(1) Data for 1975-76 and onwards are given according to revised categories of telegraph offices.

## POSTS AND TELECOMMUNICATIONS

Table 128-RADIO TELEGRAMS

	1950-51	1955-56	1960-61	1965-66	1970-71
1	2	3	4	5	6
Number of messages-					
Sent	8,535	10,373	17,698	67,182	58,387
Received	38,558	41,191	58,310	28,950	21,266
Total	47,073	51,664	76,008	96,132	79,653

	1975-76	1980-81	1981-82	1982-83	1983-84
1	7	8	9	10	11
Number of messages-					
Sent	82,037	115,139	98,108	107,020	126,684
Received	40,691	46,409	30,144	38,362	33,974
Total	122,728	161,548	128,252	145,382	160,658

Source: Department of Telecommunications,  
Ministry of Communications

## POSTS AND TELECOMMUNICATIONS

Table 129-CAPITAL REVENUE AND WORKING EXPENSES OF THE TELECOMMUNICATIONS DEPARTMENT  
(INCLUDING TELEPHONE AND WIRELESS BRANCH)

(Rs. '000)

	1950-51	1955-56	1960-61	1965-66	1970-71
1	2	3	4	5	6
Capital Outlay					
Expenditure of the year	69,278	83,952	102,493	302,544	32,787
Expenditure to the end of the year	483,649	855,990	1,317,832	2,497,613	2,296,752
Revenue	151,306	212,487	363,645	717,771	1,605,566
From messages	53,931	59,291	75,593	106,303	167,894
Miscellaneous	97,375	153,196	288,052	611,468	1,437,672
Working expenses including contributions/ appropriations to Renewals Reserve Fund	115,677	179,831	341,460	685,144	1,315,850
Deduct credits to working expenses	20,356	22,272	25,778	44,653	67,179
Working expenses (Net)	95,322	157,559	315,682	640,490	1,248,672
Net receipts	55,984	54,928	47,963	77,281	356,894
Interest/dividend to general revenues	11,227	20,282	39,043	97,929	118,220
Net revenue(+)/Net expenditure(-)	(+)44,757	(+)34,647	(+)8,920	(-)20,648	(-)238,674

	1975-76	1980-81	1984-85	1985-86	1986-87
1	7	8	9	10	11
Capital Outlay					
Expenditure of the year	692,368	572,984	4,122,200	4,318,500	5,779,400
Expenditure to the end of the year	4,142,054	4,845,906	16,925,500	21,244,000	27,023,400
Revenue	3,157,583	6,318,972	11,913,200	13,093,100	12,296,900
From messages(telegraphs)	327,133	463,773	..	..	..
Miscellaneous(other telecom.)	2,830,450	5,855,199	..	..	..
Working expenses including contributions/ appropriations to Renewals Reserve Fund	2,684,361	5,006,139	8,716,700	10,204,300	10,820,200
Deduct credits to working expenses	180,339	251,814	607,800	782,100	767,000
Working expenses (Net)	2,504,022	4,754,325	8,108,900	9,422,200	10,053,200
Net receipts	653,561	1,564,647	3,804,300	3,670,900	2,243,700
Interest/dividend to general revenues	220,265	318,951	1,231,300	1,701,100	2,126,500
Net revenue(+)/Net expenditure(-)	(+)433,296	(+)1,245,696	(+)2,573,000	(+)1,969,800	(+)117,200

Source: Department of Telecommunications,  
Ministry of Communications

## POSTS AND TELECOMMUNICATIONS

Table 130- GENERAL RESULTS OF POSTS AND TELECOMMUNICATIONS DEPARTMENTS

(Rs. '000)

	1950-51	1955-56	1960-61	1965-66	1970-71
1	2	3	4	5	6
Year ending 31st March					
Capital Outlay in connection with post and telecommunications					
During the year					
Outlay(outside Revenue Account)	70,742	90,324	112,586	313,788	61,064
To end of the year	510,314	903,101	1,410,414	2,660,326	2,559,263
Gross Receipts	363,517	506,738	771,470	1,377,736	2,710,983
Postage and message revenue	235,313	310,354	420,007	640,121	1,029,895
Miscellaneous revenue.	128,204	196,384	351,463	737,615	1,681,088
Working Expenses including contribution/appropriations to Renewals Reserve Fund	339,977	489,983	780,380	1,435,289	2,537,692
Deduct credits working expenses	27,802	39,777	51,443	109,169	187,740
Working expenses (Net)	312,176	450,205	728,937	1,326,120	2,349,952
Net Receipts	51,322	56,532	42,533	51,617	361,030
Interest/dividend to general revenue	11,581	21,801	42,333	105,099	131,880
Net revenue(+) Net expenditure(-)	(+)39,761	(+)34,731	(+)200	(-)53,482	(+)229,149

	1975-76	1980-81	1984-85	1985-86	1986-87
1	7	8	9	10	11
Year ending 31st March					
Capital Outlay in connection with post and telegraphs					
During the year					
Outlay(outside revenue Account)	716,247	678,141	4,442,681	4,637,803	6,053,736
To end of the year	4,581,044	5,690,854	18,735,748	23,373,551	29,427,287
Gross Receipts	4,836,131	9,100,062	..	..	..
Postage and message revenue	1,641,780	2,669,217	..	..	..
Miscellaneous revenue.	3,194,351	6,430,845	..	..	..
Working Expenses including contribution/appropriations to Renewals Reserve Fund	5,053,889	8,850,921	15,077,376	17,486,202	19,852,074
Deduct credits working expenses	427,539	639,753	1,281,865	1,660,059	2,059,544
Working expenses (Net)	4,626,350	8,211,168	8,795,511	15,826,143	17,792,530
Net Receipts	209,780	888,894	2,561,835	2,035,345	79,353
Interest/dividend to general revenue	253,931	364,730	1,349,706	1,701,100	2,126,500
Net revenue(+) Net expenditure(-)	(-)44,150	(+)524,164	(+)1,212,129	(+)334,245	(-)2,047,147

Source: 1. Department of Telecommunications,  
2. Department of Posts



## LABOUR

**T**his section presents data in respect of employment, wages and earnings, industrial disputes, industrial injuries and labour training.

Attempts have been made to cover statistics regarding employment under the public and private sectors as far as figures are available.

Table 131

This table relates to all establishments under Central Government, State Governments, Quasi- Government Organisations and Local Bodies. The information is based on the data collected by the Employment Exchanges as part of their programme for collection of Employment Market Information on quarterly basis. The information on the number of persons employed at the end of every quarter is compiled by the Directorate General of Employment & Training through the Employment Market Information (E M I) Programme. The programme provides for collection, among other things, of employment data in the organised sector, i.e. the entire public sector and non-agricultural establishments employing 10 or more persons in the private sector. The data from the private sector establishments employing 25 or more persons are collected under the Employment Exchanges (Compulsory Notification of Vacancies) Act, 1959. The rest (employing 10 to 24 workers) are being collected from March, 1966 onwards voluntarily from the employers. The non-response is generally small but employment in such establishments is estimated by the local Employment Officers on the basis of data furnished for previous quarters and included in the overall estimate of employment.

The main changes in coverage are as follows: Figures in respect of the Union Territory of Goa, Daman & Diu are included from March, 1970, Meghalaya from March 1972, Jammu and Kashmir from March 1973 and those for Mizoram from March, 1975 onwards. The 1971 figure for Manipur have been repeated in later years but excluded from March, 1975 to December 1976 due to non-receipt of data. Data in respect of Manipur is again included from March, 1977. Data for Andaman & Nicobar have been included from September, 1985. The figures do not cover Arunachal Pradesh, Lakshadweep, Dadra & Nagar Haveli and Sikkim as the EMI data collection programme has not so far been extended to these States/Union Territories. From 1975, data are based on the National Industrial Classification (NIC)-1970.

Table 132

This table relates to employment in Railways. As the regrouping of Government Railways was completed on 14th April 1952, zone-wise information regarding employment in Railways is available only from that year. Information regarding employment in Production Units includes Chittaranjan Locomotive Works and Integral Coach Factory from 1955, Diesel Locomotive Works, Dandakarnya- Bolangir-Kiriburu Railway Project from 1961, Railway Electrification Project from 1966 and Wheel & Axle Plant from 1979 onwards. The employment in Ganga Bridge Project which was shown under works and Projects ( Production Units ) prior to 1960-61 is now under Eastern Railways as this project was merged with Eastern Railways from 1960-61 and the employment in Dandakarnya-Bolangir- Kiriburu Railways Project and Railway Electrification Project which were shown under works and projects (Production Units) upto 31-3-1968, is now shown under South Eastern Railways as these projects were merged with the South Eastern Railway with effect from 1-11-1968. Besides employment data for Railway Board and other Railway Offices including Metropolitan Transport Project (Railways) are also given in this table. Data for non-government railways have been discontinued from 1978, whereas the figures for Railway Protection Special Force personnel were included under column 13 from 1977 onwards. The employment data include class I to IV permanent and temporary employees.

## Tables 133A, 133B, 133C and 133D

The statistics in these tables relate to factories as defined under the Factories Act, 1948. This Act covers factories employing 10 workers or more with the aid of power, 20 workers or more without the aid of power and factories specially brought under the purview of the Act by the State Governments. The statistics of employment relate to persons employed directly or through any agency, whether for wages or not, in any manufacturing process or in cleaning any part of the machinery or premises used for a manufacturing process or any other kind of work incidental to or connected with the manufacturing process or the subject of manufacturing process. Thus the definition of worker as laid down in the Act does not cover manual workers alone but some clerical and supervisory personnel as well.

The employment figures represent "average daily employment". The figures of average daily employment are furnished by each factory by dividing the total attendance (man-days worked) during a year by the total number of working days during the year. Thus, the measure of employment is based on actual attendance and not on the physical number of persons on roll. In the case of non-responding factories estimated figures have been given. The reported or estimated figures of average daily employment for all factories belonging to an industry group or a State are summed up to obtain the total average daily employment for an industry group or a state.

The data for 1951 relate to the former Part 'A', 'B' and Part 'C' States. Data from 1956 onwards relate to re-organised States and Union Territories and include estimated employment in factories not submitting returns whereas earlier figures relate to factories submitting returns only.

Data for 1956 exclude Manipur and Jammu & Kashmir and those for 1961 and 1962 exclude Jammu & Kashmir only.

Figures for 1956 onwards have been demarcated by a deep line in order to indicate non-comparability with earlier figures.

Table 133A presents industry-wise figures of employment in Govt. and Local Fund factories and in other factories. In this table, figures upto 1970 are based on the old classification of industries. As the figures for the years 1971 onwards are being built up for the groups of industries according to NIC 1970, these figures have been given against the group of industries under old classification considered nearest to the new group.

Table 133B provides Statewise data for total employment in all factories.

Table 133C and 133D present data regarding employment in factories according to the NIC 1970. Table 133C provides all-India figures upto 3 digit-level as per NIC-1970 for the years 1971, 1976 and latest two years and table 133D gives Statewise data according to major groups of industries for the latest available year.

## Table 134

Average daily employment in factories according to three broad age-categories and sex is shown in this table. The information relates to only factories submitting returns. The Factories Act, 1948 defines adult, adolescent and child as follows:

- (i) Adult is one who has completed 18 years.
- (ii) Adolescent is one who has completed 15 years but not 18 years.
- (iii) Child is one who has not completed 15 years (children below 14 years are not permitted to work).

## Table 135

This table presents estimated average daily employment in "Working Factories" using power. The factories employing 10 or more workers and using power are covered under section 2m(i) of the Factories Act, 1948. The statistics presented in the table relate to factories registered under this section.

## Table 136

This table provides estimated employment in generation, transmission and distribution of electrical energy. The information on the number of persons employed at the end of every quarter is compiled by the Directorate General of Employment and Training through the Employment Market Information (EMI) Programme, details of which are given in notes to table 131.

## Table 137

The table gives information regarding average daily number of workers employed in mining. The mineral-wise break-up of employment in mines is given for 12 important minerals. The method of computation of average daily number of workers employed is the same as given above for tables 133A, B, C & D. Under the statutory provisions of Mines Act, 1952 the Director General of Mines Safety

collects information regarding number of persons employed in mines and quarries (except those specially exempted by Central Government). Upto 1951, the information regarding employment in mines was collected under the Indian Mines Act, 1923 and thereafter it was collected under the Mines Act, 1952. The scope of the Act changes slightly from time to time. For example, by a Notification of March, 1955, a number of hitherto exempted stone, lime-stone and sand excavations were brought under the purview of the Act. The provisions of the Act were extended to the state of Jammu & Kashmir from the 15th August, 1968.

Table 138

This table shows the average daily number of persons employed in tea, coffee and rubber estates. The Directorate of Economics and Statistics, Ministry of Agriculture collects figures of employment from coffee and rubber estates every year through State Governments. The data for employment in tea plantation are based on the publication "Tea Statistics" published by the Tea Board. The data for coffee and rubber plantations are supplied respectively by the Indian Coffee Board and the Indian Rubber Board. All workers in garden and outside are covered. According to instructions laid down, each estate furnishes figures of 'average daily employment' by dividing the total man-days worked during a year by a standard figures of 300 working days. The figures of "average daily employment" for individual estates are added up to obtain the 'average daily employment' for each industry viz., tea, coffee and rubber. In the case of small estates of 20 hectare size and below, the employment is estimated by conducting sample studies.

Table 139

Statistics of employment in respect of shops, commercial establishments and restaurants registered under the Weekly Holidays Act, 1942 and Shops and Commercial Establishments Act in the various States are given in this table. These Acts are in force only in certain urban areas covering municipal areas, towns and cantonments, and hence the statistics are limited to shops and commercial establishments in such areas. The employment data are compiled by the State authorities either from the annual returns or from the figures furnished by the employers at the time of registration of the unit under the Act. In some cases the figures are collected specially by the Inspectors appointed under the Acts directly from the individual establishments. The number of shops may be more than the number of workers employed therein due to the fact that shops not employing any worker but run independently by the owners themselves are also covered by the Act.

Table 140

The table shows the number of applicants on the live-register of Employment Exchanges. The Employment Exchanges which are under the control of Director General of Employment and Training, Ministry of Labour register names of the persons seeking employment and help them to secure employment. It gives State wise data by broad occupational groups based on revised National Classification of Occupations, 1968.

Table 141A

This table gives the number of applicants placed in employment through the employment exchange according to type of establishments namely: (i) Central Government (ii) Union Territory Administrations (iii) State Governments (iv) Quasi Government & Local Bodies and (v) Other establishments.

Table 141B

This table presents data regarding the number of applicants placed in employment through employment exchanges by selected categories of applicants namely: (i) Ex-servicemen (ii) East Pakistan migrants (iii) Women (iv) Scheduled castes and (v) Scheduled tribes.

Tables 142 to 144

These tables present data about wages and earnings of factory workers in India. The data are collected under the Payment of Wages Act, 1936 and relate to factories defined under clause (m) of section 2 of the Factories Act, 1948. Although from 1964 onwards the Act, has been extended to smaller factories defined under section 85 of the Factories Act, 1948 also, such establishments had not been taken into account up to the year 1982 on account of incomplete coverage. However, the figures relating to section 85 factories have been included in statistics for the year 1983 onwards. Earnings include basic wages, dearness allowance, over-time payment, other cash allowances including production or incentive bonus, efficiency bonus, money value of concessions, annual or prepaid bonus and arrears. Prior to 1st April, 1958, the Payment of Wages Act, 1936, was applicable only to employees earning less than Rs.200 per month. With the enforcement of the Payment of Wages (Amendment) Act, 1957 from 1st April, 1958 the scope of the Act was extended to cover persons earning more than Rs.200 but less than Rs.400 per month. Acceptable returns for the revised wage groups were received only from 1961. The information regarding above both the wage groups for the years 1961 to 1964 was published in the 1967 issue of this publication. The Payment of Wages (Amendment) Act, 1976 extends the coverage of the Act to persons earning less than Rs.1,000 per month. In 1982, the applications of the Act was further extended to cover persons earning less than Rs. 1,600 per month. Data upto 1975, therefore, relate to persons drawing less than Rs.400 per month, from 1976 to 1982 relate to persons drawing less than Rs. 1,000 per month and from 1983 onwards relate to persons drawing less than Rs. 1600 per month.

Table 142 gives State-wise data regarding total annual earnings of factory workers. Figures in this table exclude information about railway workshops but include that for Defence installations. Tables 143 and 144 present per capita annual earnings of factory workers respectively by States and by industries. The earnings of workers in the seasonal industries which comprise food, beverages, tobacco, construction are excluded from those presented in these two tables.

Table 145

This table presents wages and earnings of mining labour in coal and non-coal mines. The data for coal mines relate to average weekly earning of miners and loaders in December each year whereas those for other mines relate to average daily earnings of miners and loaders in December each year. The average weekly cash earnings in coal mines are computed by dividing the total payments during any complete working week in the month of December by the average daily attendance during that week. Upto 1965 the average daily earnings for mines other than coal were computed by dividing the total payment for December by the corresponding aggregate daily attendance. From 1966 onwards these are computed by dividing the earnings in the month of December for a week by six.

Table 146

This table gives statistics of injuries in factories. Under the Factories Act, 1948, statistics of industrial accidents due to which affected persons are prevented from attending to work for a period of 48 hours or more, immediately following the injury, are required to be reported to the Factory Inspectors. For statistical purposes, the number of injuries is given by the number of persons receiving injuries as a result of an accident and this number is more than the actual number of accidents because one accident may result in injuries to more than one person. The data on injuries presented in the table relate only to factories submitting returns. No estimates of injuries can be made for the defaulting factories. The incidence rate of injuries is calculated by dividing the total number of injuries by the corresponding number of workers employed in the factories submitting returns.

Table 147

This table shows number of accidents and number of persons receiving injuries in mines. The data are collected under the Mines Act, 1952, which has been recently amended as Mines (Amendment) Act, 1983. Some changes in the definition of serious accident have been brought in. Accidents have been classified into fatal, spot serious and reportable serious. A spot serious accident is one where one or more persons have received "serious bodily injury", which means "any injury which involves, or in all probability will involve, the permanent loss of any part or section of a body or use of any part or section of a body, or the permanent loss of or injury to the sight or hearing or any permanent incapacity or the fracture of any bone or one or more joints or bones of any phalanges of hand or foot". A reportable serious accident is one where one or more persons have received "reportable injury" which means "any injury other than a serious bodily injury which involves, or in all probability will involve, the enforced absence of the injured person from work for a period of seventy two hours or more". Information on reportable serious accidents are collected on a quarterly basis and complete statistics on the same is not available. The statistics for the year 1984 relates to the amended definition of accidents. Data from 1951 to 1967 cover whole of the Indian Union except Jammu and Kashmir.

Table 148

The table shows the State wise distribution of number of disputes, workers involved and number of man-days lost on account of industrial disputes resulting in work-stoppages. The data are collected on a voluntary basis by the State authorities and the Regional Labour Commissioners (Central) who furnish consolidated returns to the Labour Bureau. The figures of number of workers involved relate to the maximum number of workers involved on any day during the course of work-stoppage as known upto by the date of reporting. The figures of man-days lost are calculated by adding up actual vacancies caused by the work-stoppage on each working day. Scheduled holidays during the period of work stoppage are not taken into account in the calculation of man-days lost.

Table 149

This table shows all-India figures of industrial disputes by causes of disputes.

Table 150

The data included in the table relate to compensated injuries under the Workmen's Compensation Act, 1923 and are based on annual returns received under the Act from State Governments, Posts and Telecommunications Departments and Railway Board for different zonal railways. Under the Act, compensation is payable to workers employed in scheduled employment for injuries due to accident resulting in death or disablement for more than 3 days provided that it is not caused through the fault of the worker himself. As all the injuries are not compensated, the number of compensated injuries do not reflect the total number of injuries occurring. Further many of the establishments covered by the Workmen's Compensation Act fail to submit returns and hence information received by the State Authorities about the number of compensated injuries and the amount of compensation paid is incomplete. In

establishments covered by the Employees State Insurance Act, compensation in respect of injuries is paid under that Act and not under the Workmen's Compensation Act. This limitation affects the trend and comparability of the statistics of compensated injuries.

Table 151

The table shows number of training institutes, centres and trainees, etc. The data regarding trainees are given by States/Union Territories and by engineering & non-engineering trades. This table shows progress of the labour training programmes sponsored by the Ministry of Labour.

Table 152

This table presents data on employment in insurance. The information upto the year 1974-75 was collected by the Central Statistical Organisation, Department of Statistics. From 1975-76 onwards, the information has been furnished by the Ministry of Finance in respect of Life Insurance Corporation and General Insurance Corporation but this excludes four State Insurance funds which account for less than half percent of total employment in the insurance sector.

Table 153

The table presents data on the number of banks and number of persons employed in the banking sector separately in respect of scheduled and non-scheduled banks and in regional rural banks and in the Reserve Bank of India. Information is collected by the Reserve Bank of India.

Tables 154A and 154B

These two tables give the number of persons employed in ports in India. Table 154A gives the staff strength in major, minor and intermediate ports.

Table 154B shows the data regarding number of dock workers registered with Dock Labour Board at major ports.

## LABOUR

Table 131- ESTIMATED EMPLOYMENT IN THE PUBLIC AND PRIVATE SECTORS

('000)

Year/State	Public sector					Private sector			Grand total
	Central Govt. establishments	State Govt. establishments	Quasi Govt. establishments(1)		Local Bodies	Large establishments(2)	Small(3)		
			Central	State					
1	2	3	4*	5	6	7	8	9	
1960-61	2,090.0	3,014.0	773.0		1,173.0	5,040.0	..	12,090.0	
1965-66	2,636.4	3,723.4	1,318.1		1,700.9	6,105.7	707.4	16,191.9	
1970-71	2,771.3	4,152.2	1,928.9	(a)	1,878.4	6,035.0	725.6	17,491.4	
1975-76	3,046.9	4,897.3	3,392.1		1,985.4	6,112.6	731.0	20,165.2	
1980-81	3,195.1	5,675.7	2,739.4	1,836.6	2,037.2	6,599.9	795.4	22,879.2	
1983-84	3,556.9	6,154.1	3,157.9	2,116.1	2,129.8	6,525.7	819.0	24,213.5	
1984-85	3,556.0	6,279.6	3,307.9	2,188.2	2,164.3	6,478.7	830.8	24,578.5	
1985-86	3,345.7	6,473.2	3,386.5	2,287.8	2,190.0	6,547.4	825.5	25,056.2	
1986-87(P)	3,349.5	6,666.1	3,402.7	2,392.3	2,214.0	6,532.3	831.3	25,388.2	
1987-88(P)	3,376.1	6,796.0	3,454.0	2,492.1	2,207.4	6,575.5	846.7	25,748.3	
1987-88									
State:									
Andhra Pradesh	246.9	356.8	184.2	290.9	227.2	301.2	50.3	1,657.4	
Assam	72.4	247.1	69.9	56.1	11.6	498.1	9.5	964.8	
Bihar	207.9	457.0	533.9	122.1	79.1	235.8	25.8	1,661.6	
Gujarat	136.1	212.8	125.5	153.0	280.1	567.1	84.0	1,558.5	
Haryana	32.1	226.4	40.8	67.8	15.7	169.7	23.1	575.6	
Himachal Pradesh	16.1	183.5	14.0	44.2	2.9	21.2	2.6	284.6	
Jammu & Kashmir	31.8	136.0	8.0	8.8	6.8	8.5	0.8	200.8	
Karnataka	126.6	415.3	195.0	178.1	47.1	317.9	71.4	1,351.5	
Kerala	89.0	267.9	82.3	122.3	24.6	395.1	115.9	1,097.1	
Madhya Pradesh	202.3	655.4	310.4	105.4	53.8	200.6	26.1	1,553.8	
Maharashtra	486.6	486.9	406.2	244.7	572.0	1,278.0	75.1	3,549.5	
Manipur	3.5	41.7	0.1	0.6	2.4	0.3	0.2	48.7	
Meghalaya	11.6	29.5	6.4	7.4	2.0	3.4	1.1	61.3	
Nagaland	3.3	61.5	1.9	1	0.2	0.5	1	69.3	
Orissa	64.9	347.2	98.8	78.9	17.8	69.7	17.9	695.3	
Punjab	71.5	278.9	67.4	96.6	33.2	182.2	24.8	754.6	
Rajasthan	179.0	474.5	71.5	93.1	98.7	186.1	24.6	1,127.4	
Tamil Nadu	247.2	574.9	180.4	353.8	158.1	554.3	128.8	2,197.4	
Tripura	3.8	68.3	3.6	2.9	2.1	7.9	1.1	89.7	
Uttar Pradesh	463.6	769.8	248.0	289.6	338.1	470.5	7.5	2,651.0	
West Bengal	417.9	315.4	557.1	156.3	146.6	898.0	30.4	2,521.7	
Union Territory:									
Chandigarh	17.1	24.1	14.6	0.9	0.2	13.4	2.3	72.6	
Delhi	229.6	67.7	213.1	4.4	83.0	162.3	50.7	810.9	
Goa,Daman & Diu	6.0	35.0	12.9	5.1	1.3	23.2	5.1	88.5	
Mizoram	0.6	20.8	0.6	1.6	0.1	1.4	-	25.0	
Pondicherry	4.5	20.6	6.7	6.5	1.8	6.4	2.4	48.9	
Andaman & Nicobar	4.1	21.3	0.9	-	1.4	3.0	0.3	30.9	

Source: Directorate General of Employment and Training, Ministry of Labour

(1) Includes employment data of the 14 Nationalised Banks from 1970.

(2) Establishments employing 25 or more workers.

(3) Establishments employing 10 -24 workers.

(a) Central and State Breakup is not available.

Note: The figures include estimated employment for non-responding units. Upto and including March, 1965, these covers all establishments in the public sector and non-agricultural establishments employing 25 or more workers in the private sector. From March, 1966 these cover all establishments employing 10 or more workers in the private sector. For detailed notes on scope, coverage, please see the general descriptive notes to tables 131 and 136 at the beginning of the section.

## LABOUR

Table 132- EMPLOYMENT IN RAILWAYS

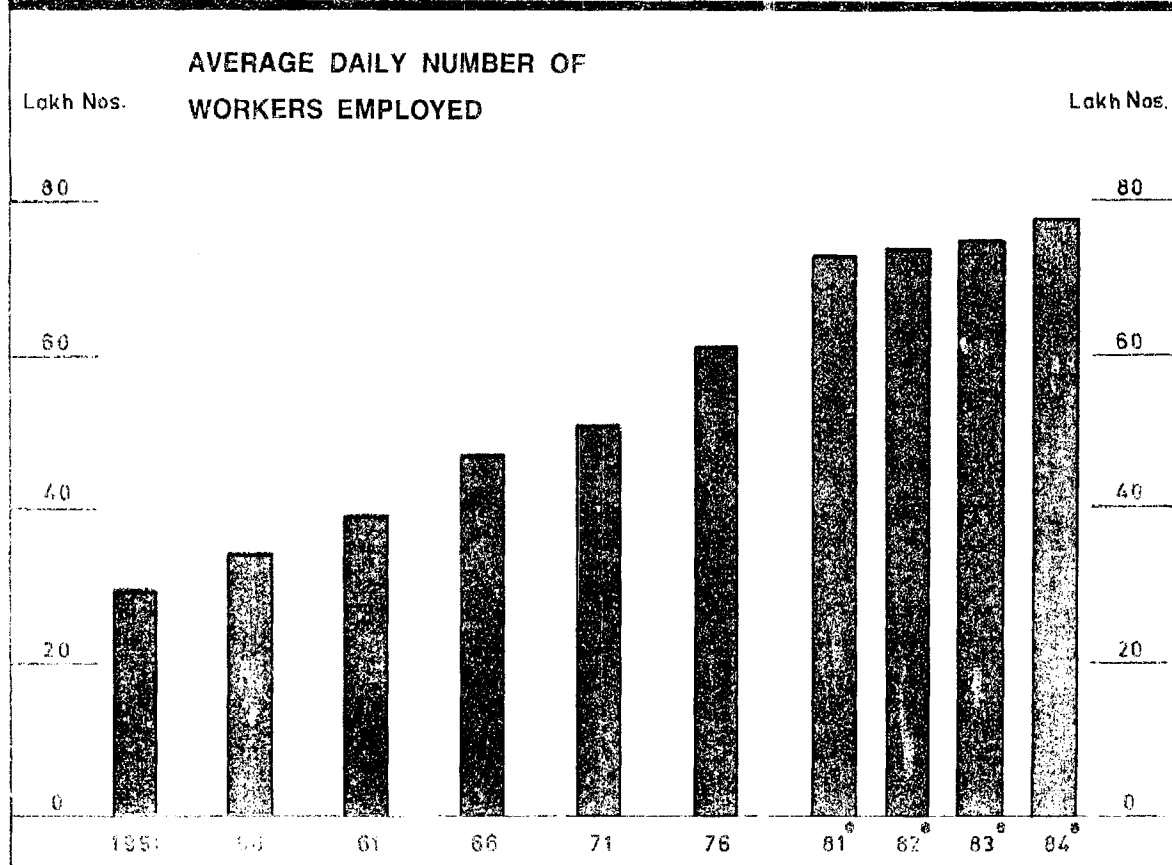
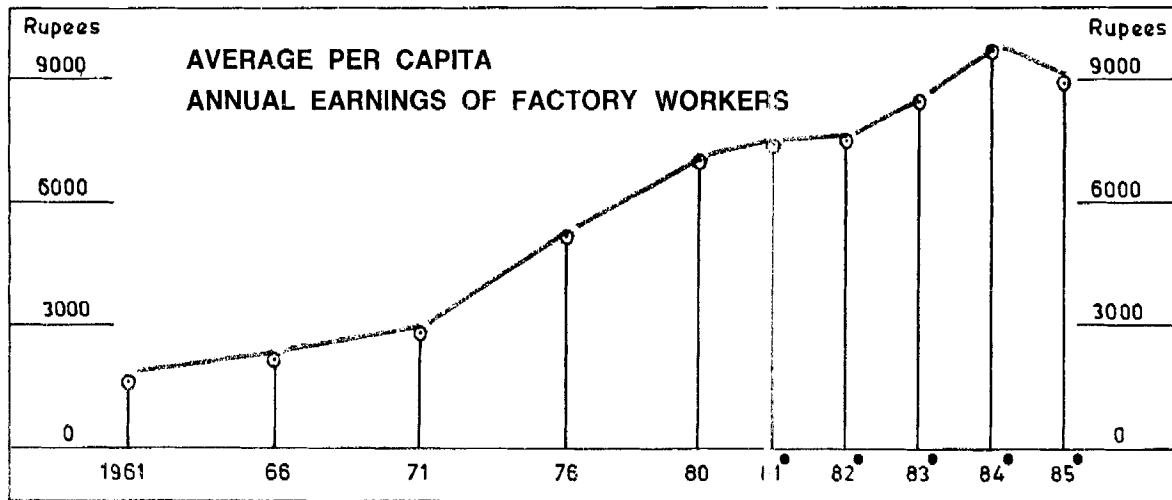
(number)

Year	Zones					
	Central	Eastern	Northern	North Eastern	North East Frontier	Southern
1	2	3	4	5	6	7
1951-52	168,068	251,482	130,461	103,765	..	144,981
1955-56	184,402	153,384	152,211	122,310	..	158,393
1960-61	196,028	174,014	177,425	83,386	59,159	161,572
1965-66	229,083	199,262	194,397	92,306	77,383	177,770
1970-71	178,084	200,125	196,280	94,292	81,455	133,076
1975-76	184,660	207,568	211,194	97,093	84,152	137,718
1980-81	212,186	224,986	230,736	101,821	89,059	136,348
1985-86	214,995	225,081	233,484	110,152	84,683	141,317
1986-87	215,073	227,342	231,516	109,096	84,160	142,202
1987-88	219,347	224,079	231,940	107,775	83,835	142,451

Year	Zones				Non-Govt railways	Railway Board & other railway offices	Grand total
	South Central	South Eastern	Western	Production units			
1	8	9	10	11	12	13	14
1951-52	..	..	114,282	..	8,760	10,040	931,829
1955-56	..	109,980	130,477	10,472	5,917	2,929	1,030,745
1960-61	..	122,724	159,833	18,615	5,768	4,235	1,162,786
1965-66	..	163,773	192,275	30,034	5,679	6,025	1,357,987
1970-71	98,291	174,679	180,533	30,633	4,645	6,755	1,378,848
1975-76	106,853	195,458	190,306	35,017	1,843	8,547	1,460,409
1980-81	120,789	197,851	206,159	39,035	..	15,401	1,574,371
1985-86	129,244	205,293	211,629	40,674	..	19,088	1,615,640
1986-87	129,941	206,012	209,131	40,720	..	19,337	1,614,530
1987-88	129,852	207,872	208,898	45,302	..	18,775	1,620,126

Source: Railway Board,  
Ministry of Railways

## FACTORY EMPLOYMENT AND EARNINGS





## LABOUR

Table 133A- FACTORY EMPLOYMENT (1)  
(Estimated average daily number of workers employed)

('000 )

Year	Government and local fund factories								
	All factories (Govt. and others)	Total (cols. 4-10)	Textiles	Printing and allied industries	Manufacture of machinery except electrical machinery	Electrical machinery apparatus, appliances and supplies	Transport equipment	Electricity gas and steam	Rest
1	2	3	4	5	6	7	8	9	10
1951	2,914	237	3	20	22	10	127	8	49
1956	3,402	361	5	24	17	9	165	13	127
1961	3,918	584	14	36	36	17	258	29	195
1966	4,702	899	45	42	70	49	310	38	345
1971	5,083	1,022	90	54 (a)	128	49	147	50	504
1976	6,127	1,498	205	71 (a)	143	89	213	69	707
1980(P)	7,032	1,738	261	81 (a)	162	107	231	82	814
1981(P)	7,294	1,818	273	127 (a)	152	106	228	86	845
1982(p)	7,388	1,830	263	75 (a)	157	107	236	88	905
1983(P)	7,476	1,876	283	79 (a)	155	108	228	93	930

Year	Other factories										
	Total (cols. 12-21)	Gins and presses	Food except beverages	Tobacco	Textiles	Chemicals and chemical products	Non-metallic mineral products	Basic metal industries	Manufacture of machinery (except electrical machinery)	Transport equipment	Rest
1	11	12	13	14	15	16	17	18	19	20	21
1951	2,299	89	335	122	1,042	74	110	95	76	68	293
1956	2,521	110	351	148	1,210	80	104	102	97	63	336
1961	3,334	150	551	174	1,191	8	187	147	179	100	539
1966	3,803	143	583	180	1,215	151	226	184	275	142	724
1971	4,061	(b)	644	145(c)	1,336	206	257	231	242	156	843
1976	4,629	(b)	802	150(c)	1,413	281	293	284	284	167	954
1980(P)	5,294	(b)	900	209(c)	1,501	353	336	338	339	202	1,118
1981(P)	5,476	(b)	943	165(c)	1,530	370	358	357	359	213	1,180
1982(P)	5,558	(b)	940	166(c)	1,478	396	380	371	377	228	1,224
1983(P)	5,600	(b)	940	186(c)	1,487	384	411	374	361	223	1,233

Source: Labour Bureau, Ministry of Labour

(1) There may be slight differences in totals due to rounding off of the figures. From 1956 onwards, the data also include the estimated employment for factories not submitting returns. Annual estimates of average daily employment for States not submitting returns were 31 thousands for 1956 and 10 thousands for 1961. From 1971 onwards figures are based on National Industrial classification, 1970.

(a) Includes paper and paper products. (b) Included under textiles. (c) Includes beverages.

## LABOUR

Table 133B- FACTORY EMPLOYMENT-BY STATES  
(Estimated average daily number of workers employed)

(employment in '000)

	1951	1956	1961	1966	1971	1976	1981(P)	1982(P)	1983(P)	1984(P)	
	1	2	3	4	5	6	7	8	9	10	11
1. Andhra Pradesh	-	204 (3,765)	228 (4,984)	255 (5,075)	266 (7,695)	399 (11,191)	562 (17,057)	562(E) (17,057)	526(E) (16,944)	650 (16,882)	
2. Assam	65 (911)	75 (1,037)	80 (1,250)	81 (1,424)	77 (1,434)	82 (1,411)	89 (1,511)	89 (1,528)	93 (1,531)	94 (1,534)	
3. Bihar	192 (2,605)	177 (4,359)	192 (6,058)	238 (11,602)	285 (18,041)	342 (25,821)	389 (33,387)	421 (35,163)	441 (36,840)	459 (38,411)	
4. Gujarat	-	-	361 (3,841)	413 (4,668)	445 (5,819)	541 (8,863)	668 (11,440)	695 (12,297)	695(E) (12,297)	668 (12,736)	
5. Haryana	-	-	-	72 (1,176)	94 (1,458)	123 (1,984)	183 (3,311)	213 (3,837)	223 (4,191)	222 (4,370)	
6. Himachal Pradesh	1 (7)	1 (13)	2 (27)	6 (80)	12 (202)	16 (423)	14(E) (527)	14(E) (527)	14(E) (527)	14(E) (527)	
7. Jammu & Kashmir	-	5 (40)	-	9 (190)	11 (220)	18 (416)	21 (472)	23 (513)	26 (536)	25 (585)	
8. Karnataka	55 (453)	75 (935)	178 (2,311)	240 (2,769)	280 (3,606)	492(E) (7,479)	492(E) (7,479)	492(E) (7,479)	492(E) (7,479)	492(E) (7,479)	
9. Kerala	84 (715)	165 (1,406)	172 (2,468)	200 (2,918)	208 (3,033)	283 (6,931)	306 (9,109)	289 (9,998)	284 (10,372)	290 (10,647)	
10. Madhya Pradesh	111 (1,544)	168 (1,811)	169 (1,947)	212 (2,229)	222 (3,332)	327 (4,960)	376 (5,916)	416 (6,360)	416 (6,360)	436 (6,917)	
11. Maharashtra	768(c) (7,825)	1052(c) (10,115)	827 (8,308)	937 (9,129)	1,050 (10,326)	1,106 (12,013)	1,254 (16,678)	1,159 (17,443)	1,197 (18,091)	1,181 (18,401)	
12. Manipur	-	(b) (49)	(b) (34)	1 (48)	2 (205)	2 (124)	2 (236)	3 (265)	3 (290)	3 (303)	
13. Meghalaya	-	-	-	-	-	3 (49)	3 (51)	3 (50)	3 (50)	3 (53)	
14. Orissa	17 (293)	23 (322)	38 (494)	68 (890)	71 (938)	81 (1,098)	93 (1,231)	108 (1,407)	112 (1,561)	112 (1,630)	
15. Punjab	48 (1,336)	91 (2,165)	132 (3,150)	104 (a) (3,554)	119 (4,561)	145 (5,427)	210 (7,325)	240 (8,187)	244 (8,545)	275 (9,193)	
16. Rajasthan	34 (350)	45 (386)	57 (915)	77 (1,568)	88 (2,028)	118 (3,664)	167 (6,504)	173 (6,863)	188 (7,286)	197 (7,661)	
17. Tamil Nadu	418 (11,706)	308 (4,808)	330 (5,626)	405 (6,664)	460 (5,961)	536 (7,213)	759 (9,790)	790 (10,817)	801 (11,078)	907 (11,838)	
18. Tripura	11 (77)	2 (53)	2 (57)	2 (80)	2 (67)	3 (60)	18 (310)	18(E) (310)	18(E) (310)	25 (642)	
19. Uttar Pradesh	203 (1,458)	274 (1,942)	338 (2,837)	415 (3,652)	420 (4,051)	484 (4,991)	549(E) (5,730)	549(E) (5,730)	549(E) (5,730)	571(E) (6,356)	
20. West Bengal	655(a) (2,613)	682 (3,193)	739 (4,333)	873 (5,735)	839 (5,597)	865 (5,731)	925 (6,571)	911 (6,977)	921 (7,378)	919 (7,650)	
21. A. & N. Islands	2 (3)	4 (6)	2 (12)	3 (16)	3 (20)	3 (23)	4 (32)	5 (31)	5 (29)	5 (31)	
22. Chandigarh	..	..	..	..	9 (123)	8 (187)	14 (225)	14(E) (225)	14(E) (225)	14(E) (225)	
23. Dadra & Nagar Haveli	..	..	..	..	..	1 (11)(E)	2(E) (36)	2 (39)	2 (41)	2 (43)	
24. Delhi	43 (465)	51 (757)	72 (1,083)	88 (1,352)	99 (1,706)	125 (2,599)	163 (3,421)	168 (3,704)	177 (3,921)	183 (4,163)	
25. Goa, Daman, Diu	..	..	..	4 (73)	7 (132)	9 (122)	14 (232)	16 (247)	15 (238)	16 (243)	
26. Pondicherry	..	..	..	..	11 (323)	14 (428)	16 (687)	16 (658)	17 (737)	18 (748)	
Total	2,914 (34,785)	3,402 (37,162)	3,918 (50,095)	4,702 (64,872)	5,083 (81,078)	6,127 (113,216)	7,294 (149,268)	7,388 (157,712)	7,476 (162,587)	7,781 (169,268)	

Source: Labour Bureau, Ministry of Labour

(a) Includes estimated figures of employment in factories not submitting returns.

(b) Less than 500. (c) Figures relate to erstwhile state Bombay

(d) The totals includes 2,424 working factories employing 207 thousand workers in respect of those states for which information has not been given in this table. (E) Estimated due to non-receipt of returns.

Notes: (i) Figures in brackets represent number of working factors.

(ii) Totals may not tally due to rounding off of figures.

## LABOUR

Table 133C- FACTORY EMPLOYMENT BY INDUSTRY GROUPS  
(Estimated average daily number of workers employed)

Code	Industry	Total (All India)			
		1971	1976	1981(P)	1983(P)
1		2	3	4	5
00	Agricultural Production	429 (20)	236 (9)	195 (13)	266 (17)
000	Cereal crops (paddy,wheat,jowar,bajra,maize,ragi,barley gram etc.)	37 (1)	27 (1)	-	-
002	Raw cotton	30 (1)	-	-	-
004	Sann hemp and other kinds of fibres	362 (18)	81 (2)	-	-
005	Production of oil seeds such as sesamum, groundnut, rape, mustard etc.	-	-	-	40 (2)
006	Sugarcane	-	-	-	-
007	Roots and tubers, vegetables, pan, singhara, spices(other than peppers and cardamom), flowers and parts of plants.	-	-	117 (8)	71 (6)
008	Agricultural production n.e.c	-	128 (6)	78 (5)	155 (9)
01	Plantations	-	-	100 (3)	-
010	Tea	-	-	-	-
019	Crop of Plantations n.e.c(e.g. betul nuts,etc.)	-	-	100 (3)	-
02	Livestock Production	77 (1)	212 (11)	552 (3)	733 (4)
020	Cattle and goat-breeding,rearing,etc.and production of milk	77 (1)	152 (5)	552 (3)	733 (4)
029	Rearing of livestock and production of live stock products n.e.c	-	60 (6)	-	-
03	Agricultural Services	313 (3)	422 (14)	1,530 (33)	1,372 (35)
033	Grading agricultural and livestock products	267 (2)	361 (12)	1,056 (20)	977 (22)
035	Soil conservation	-	-	20 (1)	50 (1)
036	Scientific services like soil testing	-	37 (1)	416 (10)	325 (10)
039	Agricultural services n.e.c (like land clearing, & draining etc.)	46 (1)	24 (1)	38 (2)	20 (2)
05	Forestry and Logging	607 (14)	291 (10)	272 (9)	242 (8)
050	Planting, replanting and conservation of forests	-	-	-	-
051	Logging, felling and cutting of trees and preparation of rough round, hew or river logs (including incidental hauling)	93 (3)	134 (3)	134 (3)	134 (3)
052	Production of fuel(including charcoal by burning) by exploitation of forests	16 (1)	50 (1)	50 (1)	50 (1)
054	Gathering of un-cultivated material such as gums, resins, lac,barks,herbs,wild fruits and leaves by exploitation of forests.	-	-	-	-
059	Other forest products n.e.c such as munjh	498 (10)	107 (6)	88 (5)	58 (4)
06	Fishing	-	-	-	43 (1)
063	Collection of pearls, shells, sponges and other Sea products	-	-	-	-
069	Fishing and allied activities n.e.c	-	-	-	43 (1)

Notes: (i) Figures in brackets represent number of working factories.  
(ii) Data is based on National Industrial Classification, 1970.

## LABOUR

Table 133C- FACTORY EMPLOYMENT BY INDUSTRY GROUPS-contd.  
(Estimated average daily number of workers employed)

Code	Industry	Total (All India)							
		1971		1976		1981(P)		1983(P)	
1		2	3	4	5	6	7	8	9
12	Metal Ore Mining	45	(1)	-	-	-	-	-	-
129	Metal ores, n.e.c.	45	(1)	-	-	-	-	-	-
19	Other Mining	407	(11)	1,052	(25)	749	(25)	1,105	(22)
190	Stone quarrying clay and sand pits	50	(4)	526	(16)	406	(17)	834	(16)
191	Chemicals, Fertilizer and Mineral Mining (Soda ash, Sulphur, Phosphates, nitrates etc.)	-	-	-	-	134	(2)	134	(2)
192	Salt mining and quarrying including crushing, screening and evaporating in pans	154	(4)	122	(4)	177	(4)	107	(2)
193	Precious and semiprecious stones	-	-	-	-	-	-	20	(1)
194	Mica	-	-	-	-	22	(1)	-	-
199	Other mining (asbestos, quartz, talc soap and stone, natural abrasives other than sand, graphite, etc.) n.e.c	203	(3)	404	(5)	10	(1)	10	(1)
20-21	Manufacture of Food products	676,408	(26,548)	885,323	(36,737)	1,054,422	(46,834)	1,061,264	(49,372)
200	Slaughtering, preparation and preservation of meat	347	(5)	2,078	(14)	3,399	(26)	3,227	(30)
201	Dairy products	12,746	(188)	24,869	(244)	36,094	(370)	38,877	(417)
202	Canning and preservation of fruits and vegetables	6,382	(125)	7,866	(134)	9,275	(168)	10,955	(195)
203	Canning, preserving & processing of fish, crustacean and similar foods	3,180	(65)	7,156	(168)	11,310	(261)	10,288	(259)
204	Grain mill products	136,747	(18,029)	169,071	(24,869)	223,191	(32,828)	233,240	(34,742)
205	Bakery products	16,634	(470)	19,943	(560)	25,564	(642)	28,094	(683)
206	Manufacture and refining of sugar (vacuum pan sugar factories)	119,065	(233)	140,634	(269)	159,029	(305)	177,398	(333)
207	Production of indigenous sugar, boora, khandsari, gur etc. from sugar-cane and palm juice	39,692	(941)	95,247	(1,486)	126,751	(1,553)	130,339	(1,574)
208	Production of common salt	19,275	(237)	16,419	(306)	19,970	(341)	18,740	(345)
209	Cocoa, chocolate and sugar confectionery (including sweetmeats)	3,833	(93)	4,501	(102)	4,211	(109)	4,226	(116)
210	Hydrogenated oils, vanaspati ghee, etc.	10,790	(74)	12,656	(80)	14,317	(105)	15,293	(109)
211	Other edible oils and fats, e.g., mustard oil, groundnut oil, til oil etc.,	61,021	(3,652)	78,545	(5,382)	86,761	(6,508)	89,988	(6,851)
212	Tea processing	91,887	(1,135)	93,268	(1,107)	97,849	(1,124)	95,721	(1,129)
213	Coffee curing, roasting & grinding	7,240	(54)	6,794	(72)	6,908	(79)	7,201	(86)
214	Cashewnut processing like drying, shelling, roasting, salting etc.	128,916	(401)	174,552	(497)	189,794	(524)	155,290	(473)
215	Ice	3,232	(283)	4,394	(540)	5,378	(694)	5,574	(741)
216	Prepared animal feeds	1,016	(94)	38,874	(165)	4,186	(234)	4,688	(280)
217	Starch	1,963	(32)	4,527	(58)	4,979	(100)	5,982	(100)
219	Food products n.e.c	12,442	(457)	18,929	(684)	25,456	(863)	26,143	(909)

See footnotes on page 328.

## LABOUR

Table 133C- FACTORY EMPLOYMENT BY INDUSTRY GROUPS-contd.  
(Estimated average daily number of workers employed)

Code	Industry	Total (All India)			
		1971	1976	1981(P)	1983(P)
1		2	3	4	5
22	Manufacture of Beverages, Tobacco and Tobacco Products	146,328 (1,409)	152,121 (1,411)	167,275 (1,428)	188,432 (1,515)
220	Distilling, rectifying and blending of spirits	6,633 (64)	7,372 (66)	9,814 (88)	11,097 (96)
221	Wine industries	578 (8)	1,387 (16)	1,978 (21)	1,284 (23)
222	Malt liquors and malt	3,470 (25)	7,032 (47)	7,048 (63)	7,824 (65)
223	Production of country liquor and toddy	153 (3)	1,467 (18)	2,343 (26)	2,660 (32)
224	Soft drinks and carbonated water industries	8,148 (164)	7,315 (186)	8,921 (222)	10,910 (263)
225	Tobacco stemming redrying and all other operations, connected with preparing raw leaf tobacco for manufacture	58,058 (259)	93,538 (539)	106,186 (487)	124,863 (521)
226	Bidi	34,407 (521)	3,830 (132)	768 (26)	728 (24)
227	Cigars, cigarettes and cigarette tobacco	20,027 (26)	16,639 (35)	13,007 (21)	13,486 (22)
228	Chewing tobacco, zarda and snuff	11,520 (321)	12,882 (349)	15,774 (413)	13,933 (397)
229	Tobacco and tobacco products, n.e.c.	3,334 (18)	659 (123)	1,436 (61)	1,647 (72)
23	Manufacture of Cotton Textiles	944,396 (5,236)	1,087,037 (7,883)	1,18,294 (11,307)	1,139,081 (11,587)
230	Cotton ginning, cleaning and bailing	132,838 (2,633)	169,805 (3,095)	164,627 (3,529)	168,769 (3,490)
231	Cotton spinning, weaving, shrinking, sanforizing merce- rising and finishing of cotton textiles in mills	735,144 (907)	837,143 (2,045)	896,886 (2,333)	843,841 (2,483)
232	Printing, dyeing and bleaching of cotton textiles	14,139 (263)	19,615 (416)	35,645 (756)	39,641 (830)
233	Cotton spinning other than in mills (charkha)	314 (5)	771 (15)	1,754 (32)	2,608 (34)
234	Production of khadi	790 (16)	1,235 (20)	1,271 (24)	1,405 (28)
235	Weaving and finishing of cotton textiles in handlooms other than khadi	10,754 (320)	13,686 (602)	17,073 (741)	15,507 (639)
236	Weaving and finishing of cotton textiles in powerlooms	40,669 (841)	31,923 (1,339)	47,227 (3,177)	47,654 (3,292)
39	Cotton textiles n.e.c.	9,748 (251)	12,859 (351)	19,811 (715)	19,456 (811)

See footnotes on page 328.

## LABOUR

Table 133C- FACTORY EMPLOYMENT BY INDUSTRY GROUPS-contd.  
(Estimated average daily number of workers employed)

Code	Industry	Total (All India)			
		1971	1976	1981(P)	1983(P)
1		2	3	4	5
24	Manufacture of Wool, Silk and Synthetic Fibre Textiles	117,360 (2,407)	160,740 (2,898)	192,341 (3,579)	201,386 (3,948)
240	Wool cleaning, bailing and pressing	2,007 (63)	3,364 (79)	3,312 (76)	2,967 (75)
241	Wool spinning, weaving and finishing in mills	18,078 (87)	21,288 (100)	22,557 (172)	25,461 (213)
242	Wool spinning and weaving (other than in mills)	10,885 (210)	13,410 (228)	14,642 (258)	15,136 (266)
243	Dyeing and bleaching of woollen textiles	1,127 (35)	1,663 (47)	1,936 (54)	2,000 (55)
244	Manufacture of wool n.e.c.,	1,893 (57)	4,480 (72)	5,597 (99)	6,167 (114)
245	Spinning, weaving and finishing of silk textiles	26,843 (557)	31,069 (968)	32,564 (1,104)	30,210 (1,026)
246	Printing, dyeing and bleaching of silk textiles	3,321 (34)	5,058 (48)	6,201 (83)	5,894 (85)
247	Spinning, weaving and finishing of other textiles-synthetic fibres, rayons, nylons, etc.	52,601 (1,130)	57,799 (1,017)	69,677 (1,170)	73,563 (1,401)
248	Printing, dyeing and bleaching of synthetic textiles	11,136 (171)	16,918 (232)	27,612 (342)	30,436 (390)
249	Silk and synthetic fibre textiles n.e.c	15,539 (60)	5,682 (98)	8,213 (221)	9,552 (323)
25	Manufacture of Jute, Hemp and Mesta Textiles	261,254 (295)	259,006 (321)	286,458 (427)	277,101 (454)
250	Jute and mesta pressing and baling	2,568 (191)	1,284 (194)	1,669 (241)	1,625 (251)
251	Jute and mesta spinning and weaving	255,618 (85)	253,802 (86)	277,036 (89)	267,152 (90)
252	Dyeing, printing and bleaching of jute textiles	516 (20)	218 (1)	312 (3)	243 (2)
253	Preparing, spinning, weaving and finishing of hemp and other coarse fibres	8 (1)	115 (2)	286 (9)	608 (9)
259	Manufacture of Jute bags and other jute textiles n.e.c	2,544 (16)	3,587 (38)	7,155 (85)	7,473 (102)

See footnotes on page 328.

## LABOUR

Table 133C- FACTORY EMPLOYMENT-BY INDUSTRY GROUPS-contd.  
(Estimated average daily number of workers employed)

Code	Industry	Total(All India)			
		1971	1976	1981(P)	1983(P)
1		2	3	4	5
26	Manufacture of Textile Products (incl. Wearing apparel except footwear)	72,513 (1,451)	110,992 (2,278)	140,560 (3,093)	152,058 (3,368)
260	Knitting mills	11,407 (546)	13,121 (657)	16,801 (763)	18,548 (831)
261	Threads-all types (cordage, ropes, twines, nets etc.)	11,162 (184)	13,880 (220)	16,444 (262)	16,892 (269)
262	Embroidery and making of crepes, laces and fringes	3,533 (101)	3,985 (129)	4,409 (133)	4,118 (135)
263	Weaving carpets, rugs & other similar textile products	3,635 (75)	5,345 (78)	6,513 (112)	6,823 (143)
264	All types of textiles, garments, incl. wearing apparel	27,750 (238)	58,758 (695)	79,388 (1,176)	86,895 (1,275)
265	Raincoats, hats, etc.	1,702 (55)	1,961 (67)	1,516 (70)	1,566 (66)
266	Made up textiles goods (except garments) such as curtains, mosquito nets, etc.	2,012 (19)	1,206 (27)	733 (36)	733 (33)
267	Water proof textiles such as oil cloth, tarpaulin etc.	4,022 (41)	3,869 (44)	4,333 (59)	4,813 (57)
268	Coir and coir products	4,306 (148)	5,814 (311)	6,906 (424)	7,838 (488)
269	Textiles n.e.c like linoleum padding, wadding, upholstery, filling etc.,	2,984 (44)	3,233 (50)	3,517 (58)	3,792 (71)
27	Manufacture of wood & wood products, furniture and fixtures	97,702 (6,526)	129,568 (10,168)	156,917 (14,378)	174,602 (17,818)
270	Veneer, Plywood and their products	19,605 (293)	25,542 (465)	30,887 (723)	33,822 (778)
271	Sawing and planing of wood (other than plywood)	46,465 (5,357)	64,873 (8,179)	84,401 (11,758)	96,277 (14,882)
272	Wooden and cane boxes, crates, drums, barrels, wooden containers, baskets and other wares made entirely or mainly of cane, rattan, reed, bamboo and willow	8,120 (249)	12,834 (485)	13,158 (728)	14,882 (845)
273	Structural wooden goods (incl. treated timber) such as beams, posts, doors and windows (excl. hewing and rough shaping of poles, bolts & other wood material classified under logging)	1,950 (44)	2,946 (96)	3,414 (129)	3,640 (143)
274	Wooden industrial goods such as bobbins, blocks, handles, saddling and similar equipment & fixtures	6,739 (183)	5,622 (274)	6,248 (338)	6,291 (380)
275	Coir and coir products	830 (12)	796 (20)	1,331 (27)	1,220 (26)
276	Wooden furniture and fixtures	11,606 (320)	13,266 (465)	12,520 (546)	13,785 (607)
277	Bamboo and cane furniture & fixtures	149 (10)	992 (10)	986 (10)	963 (10)
279	Wood, bamboo and cane products n.e.c.,	2,238 (58)	2,697 (174)	3,972 (119)	3,722 (147)

See footnotes on page 328.

## LABOUR

Table 133C- FACTORY EMPLOYMENT BY INDUSTRY GROUPS-contd.  
(Estimated average daily number of workers employed)

Code	Industry	Total(All India)			
		1971	1976	1981(P)	1983(P)
1		2	3	4	5
28	Manufacture of Paper and Paper Products and Printing, Publishing & Allied Industries	207,566 (4,955)	249,410 (6,656)	342,968 (8,444)	294,039 (8,779)
280	Pulp, paper and paper board including news prints	60,176 (343)	76,465 (505)	102,051 (615)	98,338 (744)
281	Container and boxes of paper and paper board	8,408 (228)	11,319 (400)	14,525 (563)	15,363 (636)
282	Pulp products n.e.c like dolls	199 (2)	286 (17)	450 (9)	442 (8)
283	Paper and paper board articles n.e.c	3,029 (69)	3,868 (101)	4,430 (155)	4,725 (167)
284	Printing and publishing of newspapers	21,424 (200)	17,407 (235)	17,911 (288)	18,211 (245)
285	Printing and publishing of periodicals, books, journals, atlases, maps and sheet music, directories	52,454 (1,723)	57,652 (1,903)	61,004 (1,984)	62,691 (2,021)
286	Printing of bank notes, currency notes, postage stamps, security passes etc.	51 (2)	8,062 (22)	9,533 (21)	9,114 (23)
287	Engraving, etching, blockmaking etc.	2,296 (62)	4,232 (112)	2,228 (112)	2,571 (126)
288	Book binding	2,098 (103)	2,308 (156)	2,538 (196)	2,651 (211)
289	Printing, publishing and allied activities n.e.c like envelop printing, picture postcard printing, embossing etc.	57,431 (2,223)	67,816 (3,182)	128,298 (4,501)	79,933 (4,598)
29	Manufacture of Leather and Leather and Fur products(except repairs)	43,701 (580)	48,703 (722)	55,965 (933)	69,152 (990)
290	Tanning, currying, finishing, embossing & japanning of leather	17,025 (443)	20,995 (487)	26,273 (613)	34,856 (654)
291	Footwear (excl. repair) except vulcanized or moulded rubber or plastic footwear.	19,386 (69)	19,538 (133)	19,500 (201)	23,137 (207)
292	Wearing apparel like coats gloves, etc of leather and substitutes of leather	266 (6)	464 (5)	1,120 (8)	1,352 (12)
293	Leather consumer goods other than apparel & footwear	1,229 (36)	1,915 (62)	2,786 (76)	3,077 (79)
294	Scraping, currying, tanning, bleaching and dyeing of fur and other felts	11 (1)	100 (5)	-	-
295	Wearing apparel of fur pelts	..	-	-	-
296	Fur and skin rugs and other articles	..	-	9 (1)	-
297	Leather and fur products n.e.c.	5,784 (25)	5,691 (30)	6,277 (34)	6,730 (38)

See footnotes on page 328.



## LABOUR

Table 133C- FACTORY EMPLOYMENT BY INDUSTRY GROUPS-contd.  
(Estimated average daily number of workers employed)

Code	Industry	Total(All India)			
		1971	1976	1981(P)	1983(P)
1		2	3	4	5
30	Manufacture of Rubber, Plastic, Petroleum and Coal Products	107,497 (1,745)	137,162 (3,187)	178,944 (4,515)	195,098 (5,286)
300	Tyre and tube industries	26,692 (312)	35,521 (580)	39,663 (681)	41,825 (803)
301	Footwear made primarily of vulcanized or moulded rubber and plastic	12,024 (147)	9,623 (243)	11,149 (374)	12,591 (430)
302	Rubber products n.e.c	22,912 (402)	29,527 (809)	40,887 (1,101)	40,808 (1,276)
303	Plastic products n.e.c (except house furnishing)	26,908 (732)	34,630 (1,202)	45,438 (1,796)	52,441 (2,131)
304	Petroleum refineries	7,119 (20)	7,116 (18)	13,046 (27)	14,863 (26)
305	Products of petroleum n.e.c	3,127 (72)	6,619 (140)	10,905 (172)	12,011 (187)
306	Production of coal tar in coke ovens	1,825 (11)	2,271 (11)	2,535 (19)	2,433 (19)
307	Coal and coaltar products n.e.c	6,800 (49)	11,855 (184)	15,321 (345)	18,126 (414)
31	Manufacture of Chemicals and Chemical Products (except Petroleum & Coal)	268,899 (2,709)	360,231 (4,364)	472,585 (6,155)	483,946 (6,630)
310	Basic industrial organic and inorganic chemicals and gases such as acids, alkalis and their salts, gases like acetylene, oxygen, nitrogen, etc	30,322 (319)	42,384 (516)	57,801 (809)	60,499 (831)
311	Fertilizers and pesticides	34,352 (292)	48,009 (532)	67,668 (699)	60,725 (723)
312	Paints, varnishes and lacquers	20,713 (291)	25,124 (135)	30,170 (630)	28,195 (674)
313	Drugs and medicines	57,322 (571)	65,695 (739)	80,180 (1,083)	82,045 (1,186)
314	Perfumes, cosmetics, lotions, hair dressings, tooth pastes, soap in any form, synthetic detergents, shampoos, shaving products, cleaners, washing and scouring products and other toilet preparations	17,497 (271)	26,714 (628)	37,153 (805)	37,904 (860)
315	Inedible oils	7,826 (59)	12,942 (154)	22,762 (253)	23,261 (278)
316	Turpentine, synthetic resins, plastic materials and synthetic fibres like nylon, terylene except glass	11,163 (113)	25,953 (209)	34,280 (288)	31,896 (309)
317	Matches	20,705 (258)	31,625 (417)	39,261 (529)	47,260 (560)
318	Explosives and ammunitions, fire works	37,119 (81)	41,100 (124)	59,198 (168)	67,898 (223)
319	Chemical products n.e.c. (incl. photo chemical, sensitised films and paper)	31,880 (431)	36,685 (610)	44,112 (891)	44,263 (976)

See footnotes on page 328.

## LABOUR

Table 133C- FACTORY EMPLOYMENT BY INDUSTRY GROUPS-contd.  
(Estimated average daily number of workers employed)

Code	Industry	Total(All India)			
		1971	1976	1981(P)	1983(P)
1		2	3	4	5
32	Manufacture of Non-Metallic Mineral Products	272,013 (3,809)	320,854 (5,052)	395,973 (6,944)	452,620 (8,448)
320	Structural clay products	83,662 (1,312)	95,814 (1,724)	139,442 (2,665)	186,754 (3,598)
321	Glass and glass products	52,658 (386)	59,124 (494)	67,908 (625)	68,341 (662)
322	Earthenware and earthen pottery	5,414 (58)	4,054 (63)	2,709 (61)	2,865 (64)
323	Chinaware and porcelainware	18,847 (168)	24,172 (263)	28,073 (370)	30,260 (393)
324	Cement, lime and plaster	37,063 (180)	45,911 (254)	54,078 (316)	59,805 (382)
325	Mica products	19,018 (287)	18,548 (270)	13,751 (205)	8,712 (129)
326	Structural stone goods, stonedressing and stone crushing and stonewares	18,705 (681)	21,226 (913)	25,341 (1,255)	30,829 (1,615)
327	Earthen and plaster statues and other products	158 (4)	109 (5)	69 (5)	56 (4)
328	Asbestos cement and other cement products	12,034 (107)	12,692 (112)	13,838 (123)	14,318 (141)
329	Miscellaneous non-metallic mineral products such as slate products, abrasives, graphite products, mineral wool, silica products and other non-metallic mineral products n.e.c	24,454 (616)	39,204 (954)	50,764 (1,319)	50,680 (1,460)
33	Basic Metal and Alloys Industries	325,432 (3,188)	429,527 (4,664)	522,240 (6,098)	569,923 (6,711)
330	Iron and steel industries	113,512 (273)	140,568 (416)	174,342 (573)	198,713 (622)
331	Foundries for casting and forging iron and steel	154,851 (2,052)	211,396 (3,044)	250,565 (3,725)	264,694 (4,111)
332	Manufacture of ferro-alloys	11,630 (193)	23,399 (297)	26,640 (385)	31,022 (428)
333	Copper manufacturing	6,889 (73)	9,056 (121)	10,767 (175)	11,653 (196)
334	Brass manufacturing	8,006 (178)	8,940 (180)	10,793 (275)	11,314 (289)
335	Aluminium manufacturing	18,714 (206)	23,387 (316)	29,383 (570)	29,620 (648)
336	Zinc manufacturing	1,556 (14)	2,179 (33)	4,623 (55)	6,207 (54)
339	Other non-ferrous metal industries	10,274 (199)	10,602 (257)	15,127 (331)	16,700 (363)
34	Manufacture of Metal Products and Parts, except Machinery and Transport Equipment	185,316 (4,956)	210,177 (6,615)	261,750 (8,906)	274,103 (9,727)
340	Fabricated metal products such as metal cans from tinplate, or enamelled sheet metal, metal shipping containers, barrels, drums, kegs, pails, safes, vaults, enamelled sanitary and all other fabricated metal products n.e.c.,	81,893 (2,119)	88,229 (2,698)	104,313 (3,436)	111,239 (3,675)

See footnotes on page 328.

## LABOUR

Table 133C- FACTORY EMPLOYMENT BY INDUSTRY GROUPS-contd.  
(Estimated average daily number of workers employed)

Code	Industry	Total(All India)							
		1971		1976		1981(P)		1983(P)	
1		2		3		4		5	
34	Manufacture of Metal Products and Parts,except Machinery and Transport Equipment-contd.								
341	Structural metal products	15,917	(246)	17,837	(334)	26,060	(567)	27,022	(655)
342	Furniture and fixtures primarily of metal	4,523	(173)	5,735	(262)	6,349	(328)	6,807	(406)
343	hand tools and general hardware	33,686	(952)	42,740	(1,360)	54,287	(1,770)	53,853	(1,903)
344	Enamelling, japanning, lacquering, galvanising, plating and polishing of metal products	14,042	(379)	12,979	(539)	13,889	(720)	14,867	(808)
345	Metal utensils,cutlery and kitchenwares	17,689	(606)	20,155	(871)	26,636	(1,376)	28,282	(1,550)
349	Metal products except machinery and transport equipment n.e.c,like type founding	20,566	(481)	22,502	(551)	30,216	(709)	32,033	(730)
35	Manufacture of Machinery, Machine Tools and Parts,except, Electrical Machinery	370,010	(5,767)	427,927	(7,542)	511,407	(10,414)	516,880	(10,649)
350	Agricultural machinery and equipment and parts	29,335	(899)	41,667	(993)	61,587	(1,394)	56,856	(1,318)
351	Drills,coal cutting machines earth moving,cranes,conveyors and roads rollers and other heavy machinery equipment used construction & mining industries	14,542	(121)	24,883	(182)	25,162	(207)	5,952	(221)
352	Prime mover,boilers and steam generating plants diesel engines and parts	33,962	(373)	44,990	(577)	51,056	(707)	46,658	(733)
353	Industrial machinery for food and textile industries	39,804	(617)	48,980	(831)	59,117	(1,092)	59,545	(1,134)
354	Industrial machinery for other than food and textile industries	15,522	(259)	21,752	(410)	27,940	(581)	27,263	(594)
355	Refrigerators, air conditioners and fire fighting equipment and other parts, components and accessories n.e.c.	9,353	(80)	7,042	(96)	10,256	(127)	9,275	(132)
356	Alteration and repairs of general items of non-electrical machinery,components,equipment and accessories n.e.c	47,318	(624)	32,045	(889)	39,107	(1,203)	37,959	(1,211)
357	Machine tools,their parts and accessories	43,788	(573)	53,058	(757)	64,608	(1,078)	63,342	(1,155)
358	office computing and accounting machinery and parts	4,715	(65)	5,356	(91)	6,828	(210)	6,377	(111)
359	Non-electrical machinery,equipment n.e.c (like sewing machines, laundry machines,cooking ranges, ovens, armament, etc.	131,671	(2,136)	148,154	(2,716)	165,746	(3,815)	183,653	(4,040)

See footnotes on page 328.

Table 133C- FACTORY EMPLOYMENT BY INDUSTRY GROUPS-contd.  
(Estimated average daily number of workers employed)

Code	Industry	Total(All India)							
		1971		1976		1981(P)		1983(P)	
1	2	3	4	5	6	7	8	9	
36	Manufacture of Electrical Machinery, Apparatus, Appliance and Supplies and Parts	210,126	(1,572)	261,290	(2,328)	325,447	(3,394)	327,721	(3,754)
360	Electrical industrial machinery and parts (electrical motor, generators, transformers, etc.	61,076	(347)	82,382	(553)	101,120	(788)	101,223	(904)
361	Insulated wires and cables.	18,605	(151)	20,880	(215)	24,140	(291)	24,420	(316)
362	Dry and wet batteries.	13,902	(64)	13,289	(115)	14,574	(153)	14,655	(172)
363	Electrical appliances etc., lamps, bulbs, tubes, sockets, switches, fans, non-porcelain insulators, conductors, irons, heaters, shavers, etc.	28,461	(399)	36,229	(615)	44,155	(952)	43,640	(1,024)
364	Radio and television taperecorders, gramophone record pre-tapes/cassettes telephone, etc.	54,031	(182)	66,314	(253)	82,958	(387)	85,060	(443)
365	repair of radiographic X-ray apparatus and tubes etc.	1,046	(4)	576	(4)	768	(4)	796	(7)
366	Electronic computers control instruments, etc.	4,172	(36)	4,909	(66)	12,074	(155)	12,727	(195)
367	Electronic computers and accessories n.e.c	4,883	(77)	13,826	(132)	13,031	(193)	14,733	(223)
369	Electrical machinery, apparatus, appliances, supplies and parts n.e.c.,	23,934	(312)	22,885	(373)	32,627	(471)	30,467	(470)
37	Manufacture of Transport Equipment and Parts	302,485	(1,388)	380,019	(1,847)	440,905	(2,328)	450,665	(2,597)
370	Ship building and repairing.	37,056	(98)	41,572	(126)	45,067	(135)	45,451	(129)
371	Locomotive & parts.	31,801	(25)	36,059	(128)	37,818	(32)	38,471	(35)
372	Railway wagon coaches & parts	80,253	(86)	98,981	(97)	98,156	(99)	96,156	(101)
373	Other rail road equipment	5,260	(20)	5,713	(20)	9,678	(28)	8,880	(30)
374	Motor vehicles and parts	80,106	(483)	120,927	(615)	137,975	(942)	147,652	(1,075)
375	Motor-cycles and scooters & parts	12,923	(117)	21,310	(180)	27,180	(226)	23,122	(255)
376	Bicycles and cycle rickshaws and parts	23,063	(449)	27,007	(540)	32,308	(665)	31,559	(766)
377	Aircrafts and its parts	26,153	(8)	32,585	(10)	33,971	(12)	31,514	(10)
378	Bullock-carts, push carts, hand-carts etc.	-	(-)	29	(3)	52	(4)	63	(5)
379	Transport equipment & parts n.e.c	5,870	(102)	15,836	(119)	18,650	(135)	21,817	(191)

See footnotes on page 328.

## LABOUR

Table 133C- FACTORY EMPLOYMENT BY INDUSTRY GROUPS-contd.  
(Estimated average daily number of workers employed)

Code	Industry	Total(All India)			
		1971	1976	1981(P)	1983(P)
1		2	3	4	5
38	Other Manufacturing Industries	56,165 (1,213)	61,876 (1,486)	72,098 (1,594)	71,469 (1,764)
380	Medical, surgical and scientific equipment	16,055 (259)	17,634 (336)	20,294 (380)	19,340 (406)
381	Photographic and optical goods (excluding photo-chemicals, sensitised paper and film)	4,811 (103)	5,565 (125)	5,962 (113)	6,026 (115)
382	Watches and clocks	5,542 (60)	8,515 (92)	10,739 (158)	11,940 (173)
383	Jewellery and related articles	4,195 (247)	4,979 (303)	4,131 (215)	6,092 (307)
384	Minting of coins	3,728 (3)	4,780 (5)	4,012 (4)	4,098 (4)
385	Sports and athletic goods and and games equipments	1,256 (31)	2,213 (36)	3,095 (59)	2,893 (66)
386	Musical instruments	236 (9)	164 (5)	205 (8)	428 (15)
387	Stationery articles like fountain pens, pencils, pens, pin cushions, tags etc. n.e.c.	9,921 (213)	8,439 (265)	9,577 (291)	8,817 (300)
389	Miscellaneous products n.e.c. (costume jewellery, costume novelties, feathers, plumes, artificial flowers, brushes, lamp shades, tobacco pipes, cigarette holders, ivory goods, badges, wigs and similar articles)	10,421 (28)	9,587 (319)	14,083 (366)	11,835 (378)
40	Electricity	58,440 (813)	73,610 (968)	93,276 (1,159)	100,279 (1,236)
400	Generation and transmitting of electric energy	50,415 (600)	64,851 (660)	81,144 (834)	86,098 (901)
401	Distribution of electric energy to household, industrial and commercial and other users	8,025 (213)	8,759 (308)	12,132 (325)	14,181 (335)
41	Gas and Steam	4,931 (67)	6,842 (94)	6,835 (116)	7,399 (128)
410	Gas in gas works and distribution through mains to households, industrial and commercial and other users	4,931 (67)	6,842 (94)	6,835 (116)	7,399 (128)
42	Water Works and Supply	8,431 (183)	9,866 (203)	12,433 (248)	12,842 (253)
420	Water supply i.e. collection, purification and distribution of water	8,431 (183)	9,866 (203)	12,433 (248)	12,842 (253)

See footnotes on page 328.

LABOUR

Table 133C- FACTORY EMPLOYMENT BY INDUSTRY GROUPS-contd.  
(Estimated average daily number of workers employed)

Code	Industry	Total(All India)					
		1971	1976	1981(P)	1983(P)		
1		2	3	4	5		
50	Construction and maintenance	1,052 (6)	895 (7)	1,082 (9)	1,106 (8)		
500	Buildings (including aerodromes)	55 (1)	25 (1)	145 (3)	66 (2)		
501	Roads railways, bridges, tunnels, pipe lines, ports, harbours, runways, etc.	754 (2)	585 (2)	545 (3)	548 (2)		
503	Water ways and water reservoirs such as bunds, embankments, dams, canals, tanks, wells, tube wells, etc.	172 (1)	170 (1)	122 (1)	122 (1)		
504	Hydro electric projects	..	50 (1)	-	100 (1)		
505	Industrial plants including thermal plants	-	-	250 (1)	250 (1)		
509	Construction n.e.c.	71 (2)	65 (2)	20 (1)	20 (1)		
51	Activities Allied to Construction	163 (2)	113 (5)	1,891 (7)	2,714 (7)		
511	Heating and air-conditioning installation, lift installation, Sound proofing, etc.	-	-	1,719 (2)	2,249 (2)		
513	Timber works such as fixing of doors, windows, panels, panels, painting and decoration	143 (1)	65 (1)	50 (1)	82 (1)		
514	Electrical installations	20 (1)	32 (3)	34 (2)	293 (2)		
519	Other activities allied to construction n.e.c such as fixing of hand pump	..	16 (1)	88 (2)	90 (2)		
60	Wholesale Trade in food, Textiles, Live Animals, Beverages and Intoxicants	356 (4)	477 (25)	139 (4)	189 (4)		
600	Cereals and pulses	240 (1)	..	-	-		
601	Food stuffs other than cereals and pulses.	21 (1)	307 (22)	38 (2)	63 (2)		
602	Textiles and textile products like all kinds of fabrics garments, shirtings, suiting and hosiery goods	95 (2)	20 (1)	91 (1)	113 (1)		
604	Intoxicants like wines and liquor including bottling	..	13 (1)	10 (1)	13 (1)		
605	Intoxicants like opium ganja etc.	-	-	-	-		
61	Wholesale Trade in Fuel, Light, Chemicals, Perfumery, Ceramics and Glass	267 (17)	292 (10)	240 (10)	305 (10)		
610	Medicines and chemicals	..	20 (1)	49 (3)	49 (3)		
611	Fuel and lighting products	267 (17)	196 (8)	126 (4)	123 (4)		
612	Trade in toilets, perfumery and cosmetics	-	-	24 (1)	30 (1)		
613	Trade in metal, porcelain and glass utensils, crockery and chinaware	..	76 (1)	41 (2)	103 (2)		

See footnotes on page 328.

LABOUR

Table 133C- FACTORY EMPLOYMENT BY INDUSTRY GROUPS-contd.  
(Estimated average daily number of workers employed)

Code	Industry	Total(All India)			
		1971	1976	1981(P)	1983(P)
1		2	3	4	5
50	Construction and maintenance	1,052 (6)	895 (7)	1,082 (9)	1,106 (8)
500	Buildings (including aerodromes)	55 (1)	25 (1)	145 (3)	66 (2)
501	Roads railways, bridges,tunnels, pipe lines,ports,harbours, runways, etc.	754 (2)	585 (2)	545 (3)	548 (2)
503	Water ways and water reservoirs such as bunds,embankments,dams, canals,tanks,wells,tube wells,etc.	172 (1)	170 (1)	122 (1)	122 (1)
504	Hydro electric projects	..	50 (1)	-	100 (1)
505	Industrial plants including thermal plants	-	-	250 (1)	250 (1)
509	Construction n.e.c.	71 (2)	65 (2)	20 (1)	20 (1)
51	Activities Allied to Construction	163 (2)	113 (5)	1,891 (7)	2,714 (7)
511	Heating and air-conditioning installation, lift installation, Sound proofing, etc.	-	-	1,719 (2)	2,249 (2)
513	Timber works such as fixing of doors,windows, panels,panels, painting and decorations	143 (1)	65 (1)	50 (1)	82 (1)
514	Electrical installations	20 (1)	32 (3)	34 (2)	293 (2)
519	Other activities allied to construction n.e.c such as fixing of hand pump	..	16 (1)	88 (2)	90 (2)
60	Wholesale Trade in food, Textiles, Live Animals, Beverages and Intoxicants	356 (4)	477 (25)	139 (4)	189 (4)
600	Cereals and pulses	240 (1)	..	-	-
601	Food stuffs other than cereals and pulses.	21 (1)	307 (22)	38 (2)	63 (2)
602	Textiles and textile products like all kinds of fabrics garments, shirtings,suiting and hosiery goods	95 (2)	20 (1)	91 (1)	113 (1)
604	Intoxicants like wines and liquor including bottling	..	13 (1)	10 (1)	13 (1)
605	Intoxicants like opium ganja etc.	-	-	-	-
61	Wholesale Trade in Fuel, Light, Chemicals,Perfumery,Ceramics and Glass	267 (17)	292 (10)	240 (10)	305 (10)
610	Medicines and chemicals	..	20 (1)	49 (3)	49 (3)
611	Fuel and lighting products	267 (17)	196 (8)	126 (4)	123 (4)
612	Trade in toilets,perfumery and cosmetics	-	-	24 (1)	30 (1)
613	Trade in metal, porcelain and glass utensils,crockery and chinaware	..	76 (1)	41 (2)	103 (2)

See footnotes on page 328.

LABOUR

Table 133C- FACTORY EMPLOYMENT BY INDUSTRY GROUPS-contd.  
(Estimated average daily number of workers employed)

Code	Industry	Total(All India)			
		1971	1976	1981(P)	1983(P)
1		2	3	4	5
50	Construction and maintenance	1,052 (6)	895 (7)	1,082 (9)	1,106 (8)
500	Buildings (including aerodromes)	55 (1)	25 (1)	145 (3)	66 (2)
501	Roads railways, bridges, tunnels, pipe lines, ports, harbours, runways, etc.	754 (2)	585 (2)	545 (3)	548 (2)
503	Water ways and water reservoirs such as bunds, embankments, dams, canals, tanks, wells, tube wells, etc.	172 (1)	170 (1)	122 (1)	122 (1)
504	Hydro electric projects	..	50 (1)	-	100 (1)
505	Industrial plants including thermal plants	-	-	250 (1)	250 (1)
509	Construction n.e.c.	71 (2)	65 (2)	20 (1)	20 (1)
51	Activities Allied to Construction	163 (2)	113 (5)	1,891 (7)	2,714 (7)
511	Heating and air-conditioning installation, lift installation, Sound proofing, etc.	-	-	1,719 (2)	2,249 (2)
513	Timber works such as fixing of doors, windows, panels, panels, painting and decorationg	143 (1)	65 (1)	50 (1)	82 (1)
514	Electrical installations	20 (1)	32 (3)	34 (2)	293 (2)
519	Other activities allied to construction n.e.c such as fixing of hand pump	..	16 (1)	88 (2)	90 (2)
60	Wholesale Trade in food, Textiles, Live Animals, Beverages and Intoxicants	356 (4)	477 (25)	139 (4)	189 (4)
600	Cereals and pulses	240 (1)	..	-	-
601	Food stuffs other than cereals and pulses.	21 (1)	307 (22)	38 (2)	63 (2)
602	Textiles and textile products like all kinds of fabrics garments, shirtings, suiting and hosiery goods	95 (2)	20 (1)	91 (1)	113 (1)
604	Intoxicants like wines and liquor including bottling	..	13 (1)	10 (1)	13 (1)
605	Intoxicants like opium ganja etc.	-	-	-	-
61	Wholesale Trade in Fuel, Light, Chemicals, Perfumery, Ceramics and Glass	267 (17)	292 (10)	240 (10)	305 (10)
610	Medicines and chemicals	..	20 (1)	49 (3)	49 (3)
611	Fuel and lighting products	267 (17)	196 (8)	126 (4)	123 (4)
612	Trade in toilets, perfumery and cosmetics	-	-	24 (1)	30 (1)
613	Trade in metal, porcelain and glass utensils, crockery and chinaware	..	76 (1)	41 (2)	103 (2)

See footnotes on page 328.



## LABOUR

Table 133C- FACTORY EMPLOYMENT BY INDUSTRY GROUPS-contd.  
(Estimated average daily number of workers employed)

Code	Industry	Total(All India)			
		1971	1976	1981(P)	1983(P)
1		2	3	4	5
82	Real Estate and Business Services	534 (14)	580 (27)	3,150 (76)	4,805 (102)
823	Accounting, auditing and book-keeping services	-	-	-	-
824	Data processing and tabulating services	121 (3)	152 (7)	2,251 (50)	3,699 (70)
825	Engineering, architectural and technical services	209 (10)	358 (19)	769 (25)	1,023 (31)
827	Machinery and equipment, rental and leasing	204 (1)	70 (1)	130 (1)	83 (1)
90	Public Administration and Services	807 (3)	334 (3)	537 (3)	1,120 (12)
900	Public services in Union Govt.total	787 (2)	-	234 (1)	302 (1)
901	Public services in State Governments including police-services	20 (1)	334 (3)	100 (1)	45 (2)
903	Public service in quasi-Government bodies	-	-	203 (1)	773 (9)
91	Sanitary Services	2,227 (68)	2,699 (73)	3,309 (85)	2,964 (83)
910	Sanitation and similar services such as garbage and sewage disposal, operation of drainage systems and and other types of works connected with public health and sanitation	2,227 (68)	2,699 (73)	3,309 (85)	2,964 (83)
92	Education, Scientific and Research Services	7,818 (55)	12,833 (53)	12,728 (60)	13,413 (64)
920	Educational services rendered by technical or vocational colleges, schools and other institutions	1,286 (20)	1,206 (17)	3,426 (21)	1,260 (17)
922	Research and scientific services not classified elsewhere such as those rendered by institutions and laboratories engaged in the biological, physical and social sciences, meteorological institutes and medical research organisation etc.	6,532 (35)	11,627 (36)	9,302 (39)	12,153 (47)
93	Medical and Health Services	58 (2)	73 (2)	132 (5)	257 (6)
930	Health and medical services rendered by hospitals, dispensaries, sanatoria, nursing homes, maternal and child welfare clinics by Allopathic, Ayurvedic, Unani, Homoeopathic, etc. practitioners	58 (2)	73 (2)	104 (3)	108 (3)
931	Veterinary Services	-	-	28 (2)	149 (3)

See footnotes on page 328.

## LABOUR

Table 133C- FACTORY EMPLOYMENT BY INDUSTRY GROUPS-contd.  
(Estimated average daily number of workers employed)

Code	Industry	Total(All India)			
		1971	1976	1981(P)	1983(P)
1		2	3	4	5
94	Community Services	10 (1)	-	165 (3)	202 (4)
941	Welfare services rendered by organisations, operating on a non-profit basis for the promotion of welfare of the community such as relief societies, creches, homes for the aged, blind, fire brigade services, etc.	-	-	27 (1)	45 (1)
942	Business, professional and labour organisation	-	-	70 (1)	70 (1)
949	Community services n.e.c.	10 (1)	-	68 (1)	87 (2)
95	Recreational and Cultural Services	3,871 (53)	2,937 (55)	2,273 (55)	2,791 (58)
950	Motion picture production	3,535 (47)	2,387 (46)	1,886 (46)	2,369 (49)
951	Motion picture distribution and projection	..	6 (1)	6 (1)	6 (1)
952	Theatrical producers and entertainment services	-	-	12 (1)	-
954	Radio and television broadcasting	-	172 (1)	-	-
956	Libraries, museums, botanical & zoological gardens, zoo, game sanctuaries, etc.	16 (1)	66 (2)	66 (2)	66 (2)
959	Amusement and recreational services n.e.c	320 (5)	306 (5)	303 (5)	350 (6)
96	Personal Services	5,424 (244)	5,209 (253)	7,171 (270)	6,965 (282)
960	Domestic services	15 (4)	42 (7)	29 (3)	29 (3)
961	Laundries, laundry services and dyeing plants	5,060 (231)	4,714 (234)	6,696 (254)	6,653 (264)
962	Hair dressing such as those done by barbers, hair dressing saloons and beauty shops	40 (1)	-	-	-
963	Portrait and commercial photographic studios	205 (5)	136 (5)	104 (4)	65 (3)
969	Personal services n.e.s.	104 (3)	317 (7)	342 (9)	218 (12)
98	International and other extra Territorial Bodies	180 (2)	125 (3)	108 (3)	129 (3)
980	International and other extra bodies	180 (2)	125 (3)	108 (3)	129 (3)
99	Services not elsewhere classified	1341 (19)	2,157 (35)	1,739 (31)	1,921 (33)
990	Services n.e.c	1,341 (19)	2,157 (35)	1,739 (31)	1,921 (33)

See footnotes on page 328.

## LABOUR

Table 133C- FACTORY EMPLOYMENT BY INDUSTRY GROUPS-consolid.  
(Estimated average daily number of workers employed)

Code	Industry	Total(All India)							
		1971		1976		1981(P)		1983(P)	
1		2		3		4		5	6
X1	Activities not adequately Defined	624	(12)	1,618	(16)	1,835	(19)	371	(16)
X10	Activities not adequately defined (Other than those in X0)	624	(12)	1,618	(16)	1,835	(19)	1,371	(16)
Y0	Repair Services	228,044	(3,191)	269,935	(4,584)	303,222	(5,428)	334,475	(5,905)
Y01	Repair of footwear and other leather goods	178	(8)	599	(9)	106	(6)	509	(11)
Y02	Electrical repair shops	4,595	(52)	7,539	(109)	8,425	(246)	665	(264)
Y03	Repair of motor vehicles and motor cycles	127,532	(2,525)	163,140	(3,689)	183,608	(4,362)	215,446	(4,822)
Y04	Repair of watch, clock and jewellery	337	(8)	193	(6)	588	(17)	291	(9)
Y05	Repair of cycles and cycle rickshaws	38	(8)	201	(9)	280	(5)	378	(9)
Y09	Repair of enterprises n.e.c.	95,364	(590)	98,263	(762)	110,206	(789)	140,186	(790)
GRAND TOTAL		5,082,964	(81,078)	6,127,210	(113,316)	7,293,879	(149,268)	7,476,200	(162,587)

See footnotes on page 328.

## LABOUR

Table 133D- FACTORY EMPLOYMENT IN 1983 (P)  
(By Industries and States/Union Territories)  
(Estimated average daily number of workers employed)

Code Industry	Andhra Pradesh	Assam	Bihar	Gujarat	Haryana	Himachal Pradesh	Jammu & Kashmir	Karna- taka
1	2	3	4	5	6	7	8	9
00 Agricultural production	89 (8)	-	-	29 (1)	-	-	-	-
01 Plantations	-	-	-	-	-	-	-	-
02 Livestock production	350 (1)	-	-	-	-	-	-	-
03 Agricultural services	178 (5)	-	-	-	-	-	-	-
05 Forestry and logging	-	-	-	-	-	-	-	184 (4)
06 Fishing	-	-	-	-	-	-	-	-
19 Other mining	71 (3)	-	-	268 (10)	-	10 (1)	-	180 (2)
20-21 Manufacture of food products	127,388 (8,613)	57,366 (872)	82,673 (23,010)	70,921 (1,134)	13,833 (454)	525 (17)	1,821 (82)	75,778 (1,506)
22 Manufacture of beverages tobacco & tobacco products	128,860 (547)	60 (2)	2,619 (68)	8,994 (275)	1,427 (16)	291 (5)	447 (8)	9,006 (149)
23 Manufacture of cotton textiles	38,754 (498)	1,890 (16)	6,789 (326)	258,632 (1,338)	21,677 (214)	-	2,063 (2)	72,493 (1,522)
24 Manufacture of wool silk & synthetic fibre textiles	4,014 (67)	335 (1)	1,042 (30)	41,483 (693)	7,111 (119)	398 (6)	3,484 (32)	12,973 (633)
25 Manufacture of Jute, hemp and mesta textiles	14,982 (21)	1,588 (4)	7,713 (241)	39 (4)	639 (2)	-	-	90 (3)
26 Manufacture of textile product (including wearing apparel other than footwear)	2,237 (32)	34 (2)	591 (92)	9,932 (216)	2,807 (45)	45 (3)	685 (18)	9,511 (151)
27 Manufacture of wood and wood products, furniture and fixtures	10,694 (1,688)	10,006 (329)	10,451 (2,011)	9,209 (727)	4,040 (619)	1,262 (345)	1,442 (65)	21,935 (658)
28 Manufacture of paper and paper products and printing, pub- lishing & allied industries	20,439 (1,181)	3,482 (24)	14,776 (1,308)	15,488 (434)	10,892 (93)	947 (7)	689 (16)	24,795 (526)
29 Manufacture of leather and leather and fur products (except repair)	1,032 (21)	-	2,391 (34)	778 (43)	585 (14)	9 (1)	72 (2)	824 (9)
30 Manufacture of rubber, plastic, petroleum and coal products	5,462 (150)	2,893 (14)	18,755 (662)	17,784 (539)	9,578 (118)	114 (3)	168 (3)	6,785 (137)
31 Manufacture of chemicals and chemical products (except prod- ucts of petroleum and coal)	25,795 (379)	3,368 (16)	16,330 (541)	63,652 (1,302)	7,675 (199)	644 (17)	1,685 (28)	17,482 (273)
32 Manufacture of non-metallic mineral products	24,497 (791)	2,186 (38)	74,024 (1,411)	50,791 (1,258)	30,820 (548)	1,196 (12)	4,568 (69)	30,342 (330)
33 Basic metal and alloys industries	15,019 (323)	964 (37)	82,499 (587)	22,434 (704)	19,275 (382)	625 (13)	666 (40)	36,851 (263)
34 Manufacture of metal products and parts except machinery and transport equipment	7,262 (392)	231 (26)	19,012 (1,623)	26,052 (1033)	17,818 (612)	445 (1)	391 (32)	11,840 (246)
35 Manufacture of machinery, machine tools and parts electrical machinery	36,611 (1299)	1,761 (67)	30,010 (1,985)	43,144 (1,235)	28,055 (373)	906 (13)	504 (27)	44,063 (380)
36 Manufacture of electrical machinery, apparatus, applian- ces and supplies and parts	20,149 (160)	66 (2)	6,483 (226)	14,530 (372)	17,126 (134)	306 (5)	352 (26)	49,133 (148)

Notes: (i) Figures in brackets indicate number of working factories.

(ii) Data is based on National Industrial Classification; 1970.

(iii) Figures in respect of Andhra Pradesh Himachal Pradesh, Karnataka, Tripura, Uttar Pradesh and Chandigarh are estimated.

## LABOUR

Table 133D- FACTORY EMPLOYMENT IN 1983 (P)-contd.  
(By Industries and States/Union Territories)  
(Estimated average daily number of workers employed)

Code Industry	Kerala	Madhya Pradesh	Mahara- shtra	Mani- pur	Megha laya	Orissa	Punjab	Rajas- than	Tamil Nadu
1	10	11	12	13	14	15	16	17	18
00 Agricultural production	-	-	148 (8)	-	-	-	-	-	-
01 Plantations	-	-	-	-	-	-	-	-	-
02 Livestock production	-	-	-	-	-	-	383 (3)	-	-
03 Agricultural services	-	224 (2)	901 (23)	-	-	-	31 (2)	-	38 (3)
05 Forestry and logging	-	-	58 (4)	-	-	-	-	-	43 (1)
06 Fishing	-	-	-	-	-	-	-	-	-
19 Other mining	-	-	576 (6)	-	-	-	-	-	-
20-21 Manufacture of food products	121,407 (1,663)	49,989 (1,998)	95,350 (1,851)	855 (153)	90 (5)	8,283 (314)	27,895 (1,091)	16,423 (1,253)	121,647 (2,409)
22 Manufacture of beverages, to- bacco and tobacco products	883 (59)	2,002 (22)	8,430 (68)	-	-	565 (16)	2,920 (18)	869 (21)	4,478 (96)
23 Manufacture of cotton textiles	25,550 (733)	79,812 (455)	228,734 (2,178)	-	14 (1)	8,711 (42)	30,842 (254)	43,897 (1,863)	168,699 (1,563)
24 Manufacture of wool, silk and synthetic fibre textiles	1,985 (5)	6,863 (33)	43,778 (881)	-	-	-	33,356 (973)	16,445 (138)	2,993 (203)
25 Manufacture of Jute, hemp and mesta textiles	-	1,417 (2)	124 (6)	-	288 (1)	1,886 (5)	-	46 (2)	299 (11)
26 Manufacture of textile product (including wearing apparel other than footwear)	7,902 (416)	1,933 (32)	21,581 (580)	-	-	439 (7)	9,267 (335)	4,001 (103)	25,945 (502)
27 Manufacture of wood & wood products, furniture and fixtures	23,939 (2,383)	24,777 (2,185)	16,650 (2,476)	742 (117)	563 (14)	4,934 (480)	6,340 (1,605)	5,567 (1,307)	7,332 (257)
28 Manufacture of paper & paper products & printing, publi- shing and allied industries	12,380 (895)	12,819 (121)	54,410 (1,067)	143 (6)	450 (7)	7,198 (41)	5,775 (159)	7,402 (996)	32,519 (754)
29 Manufacture of leather and leather and fur products (except repair)	331 (36)	1,544 (10)	2,236 (71)	-	-	227 (7)	1,527 (16)	277 (6)	27,383 (412)
30 Manufacture of rubber, plastic, petroleum and coal products	11,971 (935)	3,787 (65)	45,728 (862)	14 (1)	-	433 (22)	5,780 (197)	2,232 (48)	19,149 (323)
31 Manufacture of chemicals and chemical products (except pr- oducts of petroleum and coal)	16,352 (429)	28,065 (201)	129,878 (980)	22 (1)	47 (1)	7,528 (90)	7,871 (159)	7,022 (194)	82,048 (859)
32 Manufacture of non-metallic mineral products	15,810 (449)	31,568 (361)	39,655 (942)	49 (3)	742 (2)	17,299 (138)	3,614 (203)	20,311 (493)	26,630 (400)
33 Basic metal and alloys industries	5,131 (261)	38,065 (215)	71,257 (740)	106 (1)	33 (1)	33,841 (67)	20,848 (491)	16,458 (273)	33,705 (576)
34 Manufacture of metal products and parts except machinery and transport equipment	5,678 (638)	9,365 (185)	60,995 (1,484)	50 (2)	-	3,652 (116)	16,431 (797)	3,186 (123)	22,714 (550)
35 Manufacture of machinery, machine tools and parts except electrical machinery	6,812 (457)	40,906 (92)	111,986 (1,484)	-	-	4,341 (59)	21,891 (956)	5,973 (101)	53,860 (794)
36 Manufacture of electrical machinery apparatus, applia- nces and supplies and parts	8,553 (142)	24,426 (81)	66,235 (809)	-	-	1,211 (24)	5,554 (163)	3,499 (74)	21,386 (315)

See footnotes on page 345.

LABOUR

Table 133D- FACTORY EMPLOYMENT IN 1983 (P)-contd.  
(By Industries and States/Union Territories)  
(Estimated average daily number of workers employed)

Code Industry	Tri- pura	Uttar Pradesh	West Bengal	A & N Islands	Chan- di- garh	O & N Have- li	Delhi	Goa, Pondi- Daman Diu	cherry	Total (All India)
1	19	20	21	22	23	24	25	26	27	28
00 Agricultural production	-	-	-	-	-	-	-	-	-	266 (17)
01 Plantations	-	-	-	-	-	-	-	-	-	-
02 Livestock production	-	-	-	-	-	-	-	-	-	733 (4)
03 Agricultural services	-	-	-	-	-	-	-	-	-	1,372 (35)
05 Forestry and logging	-	-	-	-	-	-	-	-	-	242 (8)
06 Fishing	-	-	-	-	-	-	-	-	-	43 (1)
19 Other mining	-	-	-	-	-	-	-	-	-	1,105 (22)
20-21 Manufacture of food products	1,726 (43)	123,237 (1,526)	53,597 (927)	12 (1)	562 (20)	146 (1)	6,416 (125)	1,629 (25)	1,695 (279)	1,061,264 (49,372)
22 Manufacture of beverages, tobacco and tobacco products	64 (1)	8,458 (64)	4,740 (32)	-	408 (3)	37 (1)	1,894 (16)	741 (12)	239 (16)	188,432 (1,515)
23 Manufacture of cotton textiles	62 (3)	66,611 (190)	55,096 (264)	-	25 (2)	596 (14)	17,193 (46)	697 (3)	10,244 (60)	1,139,081 (11,587)
24 Manufacture of wool, silk and synthetic fibre textiles	-	9,680 (67)	12,659 (26)	-	649 (3)	325 (1)	1,514 (30)	123 (4)	176 (3)	201,386 (3,948)
25 Manufacture of Jute, hemp and mesta textiles	1,236 (1)	5,939 (7)	240,668 (139)	-	-	-	67 (3)	80 (2)	-	277,101 (454)
26 Manufacture of textile product (including wearing apparel other than footwear)	8 (1)	17,293 (81)	9,846 (155)	-	-	90 (2)	27,154 (549)	602 (13)	155 (13)	152,058 (3,368)
27 Manufacture of wood & wood prod- ucts, furniture and fixtures	545 (66)	2,364 (40)	7,112 (310)	2,847 (9)	193 (37)	-	1,425 (60)	61 (5)	172 (25)	174,602 (17,818)
28 Manufacture of paper and paper products and printing, publishing and allied industries	315 (4)	17,394 (307)	34,231 (459)	98 (2)	3,234 (25)	-	12,303 (277)	560 (12)	1,300 (58)	294,039 (8,779)
29 Manufacture of leather & leather and fur products (except repair)	185 (1)	15,001 (133)	13,950 (157)	-	-	29 (1)	537 (13)	55 (7)	179 (2)	69,152 (990)
30 Manufacture of rubber, plastic, petroleum and coal products	11 (2)	9,783 (163)	24,899 (641)	-	61 (3)	56 (1)	8,034 (344)	1,318 (18)	309 (35)	195,098 (5,286)
31 Manufacture of chemicals and chemical products (except prod- ucts of petroleum and coal)	114 (2)	19,956 (320)	37,177 (427)	625 (4)	140 (2)	217 (5)	6,686 (145)	2,921 (27)	646 (29)	483,946 (6,630)
32 Manufacture of non-metallic mineral products	12,229 (127)	37,873 (478)	23,920 (235)	-	282 (8)	315 (9)	3,275 (111)	485 (17)	138 (15)	452,620 (8,448)
33 Basic metal & alloys industries	24 (3)	35,099 (555)	127,597 (856)	-	376 (9)	150 (1)	8,057 (289)	388 (9)	455 (15)	569,923 (6,711)
34 Manufacture of metal products and parts except machinery and tra- nsport equipment	75 (3)	14,887 (438)	41,466 (843)	10 (1)	1,219 (51)	123 (2)	10,095 (385)	245 (15)	861 (129)	274,103 (9,727)
35 Manufacture of machinery, machine tools & parts except electrical machinery	-	28,161 (390)	55,998 (618)	-	1,052 (25)	-	10,353 (278)	474 (13)	19 (3)	516,880 (10,649)
36 Manufacture of electrical mach- inery, apparatus, appliances and supplies and parts	28 (2)	32,005 (255)	35,623 (342)	-	4,259 (13)	20 (1)	16,394 (446)	318 (7)	65 (7)	327,721 (3,754)

See footnotes on page 345.

## LABOUR

Table 133D- FACTORY EMPLOYMENT IN 1983 (P)-contd.  
 (By Industries and States/Union Territories)  
 (Estimated average daily number of workers employed)

Code Industry	Andhra Pradesh	Assam	Bihar	Gujarat	Haryana	Himachal Pradesh	Jammu & Kashmir	Karna- taka
1	2	3	4	5	6	7	8	9
37 Manufacture of transport equipment and parts	11,204 (84)	4,632 (9)	36,088 (46)	9,059 (122)	12,848 (84)	126 (2)	163 (7)	34,932 (56)
38 Other manufacturing industries	2,597 (46)	-	334 (23)	7,942 (424)	4,785 (73)	519 (7)	1,713 (20)	6,720 (51)
40 Electricity	4,237 (36)	1,101 (21)	9,629 (378)	6,047 (90)	2,107 (9)	1,586 (11)	380 (1)	3,008 (85)
41 Gas and steam	321 (12)	115 (5)	827 (16)	87 (5)	688 (13)	132 (6)	-	160 (6)
42 Water works and supply	722 (24)	35 (3)	854 (26)	461 (16)	14 (1)	-	-	743 (13)
50 Construction	-	-	-	-	-	122 (1)	100 (1)	-
51 Activities allied to construction	89 (2)	-	-	277 (1)	-	-	-	-
60 Wholesale trade in food, textiles, live animals, beverages and intoxicants	13 (1)	-	-	-	166 (2)	-	-	-
61 Wholesale trade in fuel, chemi- cals, perfumery, ceramics and glass	-	-	-	26 (2)	-	-	-	-
62 Wholesale trade in wood, paper, other fabrics, skins and inedible oils	81 (3)	-	4 (1)	23 (1)	19 (1)	-	-	20 (1)
63 Wholesale trade in all types of machinery, equipment including transport and electrical equipments	-	-	5 (1)	-	-	-	-	8 (1)
64 Wholesale trade in miscella- neous manufacturing	-	-	4 (1)	-	-	-	-	-
65 Retail trade in food and food articles, beverages, tobacco and intoxicants	15 (1)	-	- (1)	-	-	-	-	-
67 Retail trade in fuel and other household utilities and durables	-	-	-	-	-	-	-	-
68 Retail trade in others	40 (2)	-	114 (3)	17 (1)	-	-	42 (5)	192 (11)
69 Restaurants and hotels	-	-	97 (4)	-	-	-	-	-
70 Land transport	1,413 (11)	-	-	192 (4)	-	-	-	250 (1)
71 Water transport	-	-	-	14 (1)	-	-	-	-
72 Air transport	869 (1)	-	-	-	-	-	-	-
73 Services incidental to transport such as packing	-	-	-	134 (4)	-	-	-	628 (7)
74 Storage and warehousing	2,575 (4)	37 (2)	2,938 (188)	171 (11)	270 (7)	-	37 (4)	690 (10)
75 Communications	-	-	-	-	-	-	-	-
82 Real estate and business services	-	-	506 (7)	-	-	-	-	-

See footnotes on page 345.

## LABOUR

Table 133D- FACTORY EMPLOYMENT IN 1983 (P)-contd.  
 (By Industries and States/Union Territories)  
 (Estimated average daily number of workers employed)

Code Industry	Kerala	Madhya Pradesh	Maharas- htra	Manipur	Magha- laya	Orissa	Panjab	Rajast- han	Tamil Nadu
1	10	11	12	13	14	15	16	17	18
37 Manufacture of transport equipment and parts	3,751 (52)	30,720 (46)	91,405 (258)	-	-	3,282 (11)	27,445 (803)	4,227 (37)	69,481 (238)
38 Other manufacturing industries	752 (51)	532 (15)	17,162 (437)	6 (1)	15 (1)	494 (8)	2,795 (55)	2,240 (37)	4,895 (111)
40 Electricity	389 (10)	8,030 (53)	11,826 (131)	-	275 (5)	3,502 (9)	5,458 (91)	4,849 (82)	7,064 (66)
41 Gas and steam	61 (2)	402 (10)	1,228 (15)	-	-	216 (6)	298 (10)	-	921 (5)
42 Water works and supply	286 (6)	1,517 (27)	1,992 (52)	-	9 (1)	129 (6)	125 (3)	752 (14)	362 (13)
50 Construction	-	266 (2)	50 (1)	-	-	-	-	-	-
51 Activities allied to construction	-	-	2,265 (3)	-	-	-	-	-	-
60 Wholesale trade in food, textiles, live animals, beverages and intoxicants	-	-	-	-	-	-	-	-	-
61 Wholesale trade in fuel, chemicles,perfumery, ceramics and glass	-	-	199 (4)	-	-	-	-	-	-
62 Wholesale trade in wood, paper other fabrics, skins and inedible oils	-	60 (3)	833 (12)	-	-	-	-	-	47 (4)
63 Wholesale trade in all types of machinery, equ- ipment including transport and electrical equipments	-	-	-	-	-	-	-	-	-
64 Wholesale trade in misce- llaneous manufacturing	-	-	-	-	-	-	10 (1)	-	-
65 Retail trade in food and food articles, beverages, tobacco and intoxicants	-	-	6 (1)	-	-	-	-	-	-
67 Retail trade in fuel and other household utilities and durables	-	-	5 (1)	-	-	-	-	-	-
68 Retail trade in others	-	-	1,129 (13)	-	-	81 (5)	121 (8)	37 (3)	36 (2)
69 Restaurents and hotels	-	-	-	-	-	-	-	-	-
70 Land transport	-	67 (1)	50 (1)	-	-	-	-	-	84 (1)
71 Water transport	989 (2)	-	97 (1)	-	-	-	-	-	-
72 Air transport	-	-	6,346 (6)	-	-	-	-	-	310 (2)
73 Services incidental to transport, such as packing	-	-	553 (4)	-	-	-	-	-	268 (5)
74 Storage and warehousing	1,260 (3)	3,677 (21)	12,318 (43)	-	-	209 (13)	929 (16)	513 (1)	1,461 (11)
75 Communications	-	-	48 (1)	-	-	-	-	-	-
82 Real estate and business services	-	-	2,420 (38)	-	-	-	-	-	961 (34)

See footnotes on page 345.



## LABOUR

Table 133D- FACTORY EMPLOYMENT IN 1983 (P)-contd.  
(By Industries and States/Union Territories)  
(Estimated average daily number of workers employed)

Code Number and Industry	Tri- pura	Uttar Pradesh	West Bengal	A.&N. Isl- ands	Cha- ndi- garh	Dadra- & Nagar Haveli	Delhi	Goa, Pondi- Daman & Diu	cherry	Total All India
1	19	20	21	22	23	24	25	26	27	28
37 Manufacture of transport equipment and parts	-	29,678 (115)	67,634 (212)	466 (2)	954 (9)	-	9,310 (364)	3,155 (21)	105 (19)	450,665 (2,597)
38 Other manufacturing industries	-	6,481 (95)	5,686 (106)	-	-	35 (2)	5,351 (186)	353 (10)	62 (5)	71,469 (1,764)
40 Electricity	935 (14)	14,872 (57)	10,132 (73)	244 (3)	25 (1)	-	4,583 (10)	-	-	100,279 (1,236)
41 Gas and steam	-	183 (4)	1,287 (4)	-	-	-	462 (8)	11 (1)	-	7,399 (128)
42 Water works and supply	230 (3)	1,463 (22)	2,124 (19)	-	-	-	935 (3)	89 (1)	-	12,842 (253)
50 Construction	-	192 (2)	376 (1)	-	-	-	-	-	-	1,106 (8)
51 Activities allied to construction	-	83 (1)	-	-	-	-	-	-	-	2,714 (7)
60 Wholesale trade in food, textiles, live animals, beverages and intoxicants	-	10 (1)	-	-	-	-	-	-	-	189 (4)
61 Wholesale trade in fuel, chemicals, perfumery, ceramics and glass	-	80 (4)	-	-	-	-	-	-	-	305 (10)
62 Wholesale trade in wood, paper, other fabrics, skins and inedible oils	21 (2)	401 (8)	-	-	-	-	-	136 (2)	-	1,645 (38)
63 Wholesale trade in all types of machinery, equipment including transport and electrical equipment	-	-	-	-	-	-	-	-	-	13 (2)
64 Wholesale trade in miscellaneous manufacturing	-	-	-	-	-	-	-	-	-	33 (3)
65 Retail trade in food and food articles, beverages, tobacco and intoxicants	-	32 (1)	-	-	-	-	-	-	-	53 (3)
67 Retail trade in fuel and other household utilities and durables	-	-	-	-	-	-	-	-	-	5 (1)
68 Retail trade in others	-	-	-	-	-	-	-	-	-	1,809 (53)
69 Restaurants and hotels	-	-	-	-	-	-	-	-	-	97 (4)
70 Land transport	-	-	161 (4)	-	-	-	-	-	-	2,217 (23)
71 Water transport	-	-	110 (5)	-	-	-	-	-	-	1,210 (9)
72 Air transport	-	-	-	-	-	-	-	-	-	7,525 (9)
73 Services incidental to transport such as packing	-	-	2,422 (17)	-	-	-	66 (4)	-	-	4,071 (41)
74 Storage and warehousing	-	15,892 (199)	7,388 (144)	13 (1)	-	-	8,429 (20)	119 (3)	-	58,926 (702)
75 Communications	-	-	-	-	-	-	-	-	-	48 (1)
82 Real estate and business services	-	-	326 (11)	-	-	-	592 (12)	-	-	4,805 (102)

See footnotes on page 345.

## LABOUR

Table 133D- FACTORY EMPLOYMENT IN 1983 (P)-contd.

(By Industries and States/Union Territories)  
(Estimated average daily number of workers employed)

Code Industry	Andhra Pradesh	Assam	Bihar	Gujarat	Haryana	Himachal Pradesh	Jammu & Kashmir	Karna- taka
1	2	3	4	5	6	7	8	9
90 Public administration and services	-	-	-	45 (2)	-	-	-	-
91 Sanitary services	-	-	185 (11)	290 (7)	-	-	38 (2)	10 (1)
92 Education, scientific and research services	4,676 (7)	-	-	182 (5)	363 (2)	602 (1)	-	2,717 (8)
93 Medical and health services	-	-	-	-	-	-	-	-
94 Community services	-	-	-	19 (1)	-	-	-	-
95 Recreational and cultural services.	74 (2)	-	-	27 (1)	-	-	-	186 (7)
96 Personal services	170 (8)	-	662 (139)	40 (6)	-	-	-	604 (19)
98 International and other extra territorial bodies.	-	-	-	-	-	-	-	-
99 Services not elsewhere classified	25 (1)	-	-	338 (9)	-	22 (1)	-	-
X1 Activities not adequately defined (other than those in X0)	-	-	-	-	-	-	1,206 (15)	-
Y0 Repairs services	23,689 (520)	1,218 (41)	12,964 (1,841)	15,101 (266)	8,464 (57)	3,068 (49)	2,800 (31)	17,052 (262)
Grand Total	526,693 (16,944)	93,368 (1,531)	441,370 (3,6840)	694,652 (12,297)	223,082 (4,191)	13,900 (527)	25,516 (536)	492,185 (7,479)

See footnotes on page 345

## LABOUR

Table 133D- FACTORY EMPLOYMENT IN 1983 (P)-contd.

(By Industries and States/Union Territories)  
(Estimated average daily number of workers employed)

Code Industry	Kerala	Madhya Pradesh	Maha- rashtra	Mani- pur	Megha- laya	Orissa	Punjab	Rajas- than	Tamil- nadu
1	10	11	12	13	14	15	16	17	18
90 Public administration and services	-	-	-	-	-	-	-	-	334 (2)
91 Sanitary services	17 (1)	-	590 (20)	-	-	21 (1)	2 (1)	-	535 (23)
92 Education, scientific and research services	83 (1)	-	1,397 (8)	-	-	322 (3)	100 (1)	69 (1)	503 (3)
93 Medical and health services	-	-	77 (4)	-	-	180 (2)	-	-	-
94 Community services	-	-	45 (1)	-	-	-	138 (2)	-	-
95 Recreational and cultural services	-	-	837 (19)	-	-	-	-	-	1,506 (24)
96 Personal services	108 (11)	100 (2)	1,362 (23)	-	-	-	156 (7)	-	675 (19)
98 International and other extra territorial bodies	-	-	112 (2)	-	-	-	-	-	-
99 Services not elsewhere classified	23 (4)	-	382 (6)	500 (1)	40 (1)	-	62 (3)	-	462 (5)
X1 Activities not adequately defined (other than those in X0)	-	-	-	-	-	-	-	-	-
Y0 Repairs services	11,658 (727)	13,039 (120)	43,558 (466)	269 (4)	299 (10)	2,637 (69)	6,322 (102)	21,372 (116)	59,917 (481)
Grand Total	284,061 (10,372)	415,972 (6,360)	1,197,002 (18,091)	2,756 (290)	2,865 (50)	11,162 (1,561)	244,286 (8,545)	187,667 (7,286)	800,709 (11,078)

See footnotes on page 345.

## LABOUR

Table 133D- FACTORY EMPLOYMENT IN 1983 (P)-concl'd.

(By Industries and States/Union Territories)  
(Estimated average daily number of workers employed)

Code Industry	Tripura	Uttar Pradesh	West Bengal	A.& N. Islands	Chandi- garh	D.& N. Haveli	Delhi	Goa, Daman, & Diu	Pondi- cherry	Total
1	19	20	21	22	23	24	25	26	27	28
90 Public administ- ration and services	-	-	-	-	-	-	741 (8)	-	-	1,120 (12)
91 Sanitary services	-	97 (2)	325 (8)	-	-	-	854 (6)	-	-	2,064 (83)
92 Scientific scien- resea- es	-	902 (3)	972 (10)	-	-	-	504 (9)	21 (2)	-	13,413 (64)
93 Medical and health services	-	-	-	-	-	-	-	-	-	257 (6)
94 Community services	-	-	-	-	-	-	-	-	-	202 (4)
95 Recreational and cultural services	-	-	161 (5)	-	-	-	-	-	-	2,791 (58)
96 Personal services	-	1,065 (9)	358 (16)	-	-	-	692 (19)	26 (1)	47 (3)	6,965 (282)
98 International and other extra territorial bodies	-	-	-	-	-	-	17 (1)	-	-	129 (3)
99 Services n.e.c.	-	67 (2)	-	-	-	-	-	-	-	1,921 (33)
X1 Activities not adequately def- ined (other than those in X0)	-	-	-	-	-	-	165 (1)	-	-	1,371 (16)
Y0 Repairs services	590 (32)	32,478 (191)	43,430 (312)	375 (6)	677 (14)	-	12,739 (154)	410 (13)	349 (21)	334,475 (5,905)
Grand Total	18,398 (310)	548,617 (5,730)	921,471 (7,378)	4,690 (29)	14,116 (225)	2,133 (41)	176,672 (3,921)	15,182 (238)	17,216 (737)	7,476,200 (162,587)

See footnotes on page 345.

## LABOUR

Table 134- EMPLOYMENT IN FACTORIES- ADULTS, ADOLESCENTS AND CHILDREN ACCORDING TO SEX

Year/State	No. of working factories submit- ting returns	Daily Average No. of workers employed						Total
		Adults		Adolescents		Children		
		Men	Women	Males	Females	Boys	Girls	
1	2	3	4	5	6	7	8	9
1951	22,890	2,217,536	283,884	18,561	4,366	5,152	1,738	2,536,544(a)
1956	28,444	2,566,463	294,809	11,393	5,334	3,057	1,253	2,882,309
1961	40,478	3,115,014	368,052	7,234	3,841	2,405	441	3,496,987
1966	51,479	3,695,511	362,568	6,927	1,268	1,789	918	4,068,881
1971	61,292	3,922,082	362,393	4,767	5,399	1,390	2,312	4,298,343
1976	79,703	4,359,519	508,707	3,862	4,208	1,628	1,947	4,879,871
1980(P)	90,643	4,646,468	492,003	3,502	4,908	1,555	2,738	5,151,174
1981(P)	96,039	4,826,242	491,842	5,822	3,287	1,997	2,716	5,331,906
1982(P)	99,359	4,783,749	490,837	5,023	2,638	1,820	4,948	5,289,015
1983(P)	100,568	4,683,838	476,745	4,994	5,958	1,148	2,327	5,175,010
1983(P)								
State:								
Andhra Pradesh	10,317	339,671	115,245	-	-	-	-	454,916
Assam	917	70,035	4,201	1,046	699	343	92	76,416
Bihar	35,922	422,376	8,062	171	21	88	6	430,724
Gujarat	7,256	471,495	35,090	-	-	-	-	506,585
Haryana	757	111,864	3,081	-	-	-	-	114,945
Himachal Pradesh	152	6,597	421	51	-	-	-	7,069
Jammu & Kashmir	345	14,548	1,811	92	-	-	-	16,451
Karnataka(E)	1,819	126,407	18,280	-	-	-	-	144,687
Kerala	4,568	92,117	64,161	29	21	-	-	156,328
Madhya Pradesh	812	155,419	5,925	-	-	-	-	161,344
Maharashtra	14,279	943,599	61,544	1,379	32	34	33	1,006,651
Manipur	290	2,457	299	-	-	-	-	2,756
Meghalaya	41	2,540	209	18	8	-	-	2,775
Orissa	930	80,998	3,327	-	-	-	-	84,325
Punjab	1,828	90,042	2,018	-	-	-	-	92,065
Rajasthan	1,193	107,716	3,731	8	-	-	-	111,505
Tamil Nadu	9,653	604,956	120,625	1,511	5,080	668	2,176	735,016
Tripura	175	5,540	1,641	29	-	-	-	7,210
Uttar Pradesh(E)	3,377	383,573	4,385	-	-	-	-	387,958
West Bengal	2,855	521,613	12,711	635	4	8	11	534,982
Union Territory:								
A. & N. Islands	22	4,255	65	-	-	-	-	4,320
Chandigarh(E)	357	3,451	81	-	-	-	-	3,532
Dadra & Nagar Haveli	41	944	204	-	-	-	-	1,148
Delhi	1,935	100,534	6,667	-	-	-	-	107,201
Goa,Daman & Diu	206	11,841	2,049	9	18	7	9	13,933
Pondicherry	521	9,250	852	16	-	-	-	10,107

Source: Labour Bureau,  
Ministry of Labour

(a) Includes 5,307 persons for whom sex-wise details are not available.

(E) Estimated.

## LABOUR

Table 135- ESTIMATED AVERAGE DAILY EMPLOYMENT IN WORKING FACTORIES USING POWER

Year/State	Number of working factories	Estimated average daily employment ( '000)
1	2	3
1960(a)	43,439	3,376
1961(a)	36,273	3,533
1966	45,996	4,341
1971	53,132	4,685
1975	62,811	5,301
1976	66,344	5,617
1980(P)	78,370	6,348
1981(P)	83,503	6,269
1982(P)	86,740	6,069
1983(P)	90,964	6,408
1983		
State:		
Andhra Pradesh	7,200	465
Assam	1,444	92
Bihar	3,458	298
Gujarat	10,566	658
Haryana	3,278	217
Himachal Pradesh(E)	190	13
Jammu & Kashmir	336	23
Karnataka(E)	6,372	..
Kerala	2,663	184
Madhya Pradesh	3,200	353
Maharashtra	13,542	1,159
Manipur	50	2
Meghalaya	41	3
Orissa	1,372	108
Punjab	6,491	232
Rajasthan	2,827	159
Tamil Nadu	10,591	757
Tripura	129	10
Uttar Pradesh(E)	5,964	548
West Bengal	6,747	912
Union Territory:		
A. & N. Islands	29	5
Chandigarh	321	7
Dadra & Nagar Haveli	41	2
Delhi	3,706	170
Goa, Daman & Diu	256	15
Pondicherry	150	14

Source: Labour Bureau, Ministry of Labour

(a) Excludes Jammu &amp; Kashmir.

(E) Estimated.

## LABOUR

Table 136- ESTIMATED EMPLOYMENT IN GENERATION, TRANSMISSION AND DISTRIBUTION OF ELECTRIC ENERGY(1)

(number)

Year/State	Generation & transmission of electric energy		Distribution of electric energy		Generation, transmission and distribution of electric energy		
	Public	Private	Public	Private	Public (Col.2+ Col.4)	Private (Col.3+ Col.5)	Total (Col.6+ Col.7)
1	2	3	4	5	6	7	8
1962-63	70,506	16,762	116,625	16,263	187,131	38,025	220,156
1965-66	88,271	16,800	159,540	17,897	247,811	34,697	282,508
1970-71	102,443	17,961	248,625	18,967	351,068	36,928	387,996
1975-76	142,350	14,137	337,130	12,450	479,480	26,587	506,067
1977-78	155,118	14,669	385,893	10,875	541,011	25,344	566,355
1981-82	174,207	14,035	451,445	11,867	625,652	25,902	651,554
1982-83	181,371	14,995	464,488	13,201	645,859	28,196	674,055
1983-84	185,337	15,170	468,583	13,091	653,920	28,261	682,181
1984-85	194,083	16,049	482,176	12,615	676,259	28,664	704,923
1985-86	200,185	15,683	494,185	131,552	694,370	147,235	841,605
1985-86 State:							
Andhra Pradesh	..	..	..	..	..	..	..
Assam	..	..	..	..	..	..	..
Bihar	..	..	..	..	..	..	..
Gujarat	..	..	..	..	..	..	..
Haryana	..	..	..	..	..	..	..
Himachal Pradesh	..	..	..	..	..	..	..
Jammu & Kashmir	..	..	..	..	..	..	..
Karnataka	..	..	..	..	..	..	..
Kerala	..	..	..	..	..	..	..
Madhya Pradesh	..	..	..	..	..	..	..
Maharashtra	..	..	..	..	..	..	..
Manipur	..	..	..	..	..	..	..
Meghalaya	..	..	..	..	..	..	..
Nagaland	..	..	..	..	..	..	..
Orissa	..	..	..	..	..	..	..
Punjab	..	..	..	..	..	..	..
Rajasthan	..	..	..	..	..	..	..
Tamil Nadu	..	..	..	..	..	..	..
Tripura	..	..	..	..	..	..	..
Uttar Pradesh	..	..	..	..	..	..	..
West Bengal	..	..	..	..	..	..	..
Union Territory:							
Chandigarh	..	..	..	..	..	..	..
Delhi	..	..	..	..	..	..	..
Goa, Daman & Diu	..	..	..	..	..	..	..
Pondicherry	..	..	..	..	..	..	..
Mizoram	..	..	..	..	..	..	..

Source: Directorate General of Employment and Training,  
Ministry of Labour

- (1) The figures include estimated employment for non-responding units. Upto and including March, 1965, these cover all establishments in the public sector and non-agricultural establishments employing 25 or more workers in the private sector. Commencing from March, 1966 these cover all establishments employing 10 more workers in the private sector. For detailed notes on scope, coverage, please see the general descriptive notes to tables 131 and 136 at the beginning of the section.

## LABOUR

Table-137-EMPLOYMENT IN MINES  
(Average daily number of workers employed)

Year/State	Coal	Copper	Chromite	Diamond	Gold	Gypsum	Iron ore
1	2	3	4	5	6	7	8
1951	351,975	3,710	1,279	1,934	21,872	1,599	20,223
1956	352,429	4,027	2,237	911	17,890	4,249	37,301
1961	411,265	4,183	1,629	300	16,295	3,820	54,540
1966	425,488	4,796	759	393	11,592	6,174	60,339
1971	382,250	7,600	3,446	1,008	12,358	4,393	52,821
1976	510,420	10,080	6,617	885	9,878	2,883	55,737
1981	513,358	13,379	5,345	723	12,285	1,167	44,933
1985	551,191	12,695	6,824	704	12,393	1,104	43,869
1986	543,259	13,231	8,039	475	11,886	1,034	46,594
1987	549,679	12,553	8,841	366	11,556	1,123	48,756
1987							
State:							
Andhra Pradesh	63,205	47	38	-	612	-	121
Assam	3,552	-	-	-	-	-	-
Bihar	218,651	6,975	-	-	65	-	7,013
Gujarat	1,360	-	-	-	-	37	-
Haryana	-	-	-	-	-	-	-
Himachal Pradesh	-	-	-	-	-	23	-
Jammu & Kashmir	927	-	-	-	-	-	-
Karnataka	-	924	1,154	-	10,879	-	7,672
Kerala	-	-	-	-	-	-	-
Madhya Pradesh	92,653	1,057	-	366	-	-	12,593
Maharashtra	27,196	-	-	-	-	-	638
Manipur	-	-	32	-	-	-	-
Meghalaya	35	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-
Orissa	12,427	-	7,617	-	-	-	16,084
Punjab	-	-	-	-	-	-	-
Rajasthan	-	3,550	-	-	-	966	89
Tamil Nadu	6,005	-	-	-	-	97	-
Tripura	-	-	-	-	-	-	-
Uttar Pradesh	2,507	-	-	-	-	-	-
West Bengal	121,161	-	-	-	-	-	-
Union Territory:							
A. & N. Islands	-	-	-	-	-	-	-
Arunachal Pradesh	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-
D. & n. Haveli	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	-
Goa, Daman & Diu	-	-	-	-	-	-	4,546
Lakshadweep	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-
Bombay off shore oil	-	-	-	-	-	-	-

Source: Directorate General of Mines Safety,  
Ministry of Labour



## LABOUR

Table 137-EMPLOYMENT IN MINES-contd.  
(Average daily number of workers employed)

Year/State	Lime stone	Magnesite	Manganese	Mica	Stone	Other Mines	Total
1	9	10	11	12	13	14	15
1951	15,980	3,464	55,531	52,196	5,108	12,403	549,048 (a)
1956	30,701	4,223	109,948	33,973	5,886	22,345	628,581 (a)
1961	54,637	7,117	46,923	26,635	8,524	32,019	670,986 (a)
1966	55,614	7,376	46,983	19,725	12,313	47,518	699,070
1971	53,241	6,806	30,371	12,246	8,781	55,414	630,735
1976	49,833	7,450	27,416	7,162	9,571	62,884	762,616
1981	49,770	7,010	26,534	6,735	7,700	60,864	749,803
1985	49,156	6,616	18,464	3,494	9,604	72,547	788,661
1986	50,201	6,462	17,656	3,345	10,163	76,950	789,295
1987	51,182	6,097	17,551	3,316	10,760	79,376	801,156
1987							
State:							
Andhra Pradesh	1,971	-	670	917	163	3,894	71,368
Assam	234	-	-	-	-	16,420	20,206
Bihar	5,801	-	17	2,082	4,440	6,551	251,595
Gujarat	2,645	-	10	-	325	10,067	14,444
Haryana	846	-	-	-	6	2,093	2,945
Himachal Pradesh	443	-	-	-	-	85	551
Jammu & Kashmir	38	-	-	-	-	94	1,059
Karnataka	1,804	388	2,832	-	952	492	27,097
Kerala	307	-	-	-	83	966	1,356
Madhya Pradesh	7,468	-	5,049	-	-	9,111	138,207
Maharashtra	1,000	-	3,593	-	550	1,773	34,750
Manipur	-	-	-	-	-	-	32
Meghalaya	186	-	-	-	-	217	438
Nagaland	-	-	-	-	-	-	-
Orissa	9,437	-	5,037	-	203	5,283	56,178
Punjab	-	-	-	-	-	-	-
Rajasthan	11,940	-	-	317	-	13,941	30,803
Tamil Nadu	4,643	5,119	-	-	1,044	2,307	19,215
Tripura	-	-	-	-	-	1,009	1,009
Uttar Pradesh	2,419	590	-	-	5	1,189	6,710
West Bengal	-	-	-	-	525	3,131	124,317
Union Territory:							
A. & N. Islands	-	-	-	-	-	-	-
Arunachal Pradesh	-	-	-	-	-	592	592
Chandigarh	-	-	-	-	-	-	-
D. & n. Haveli	-	-	-	-	-	-	-
Goa, Daman & Diu	-	-	343	-	93	-	1,982
Delhi	-	-	-	-	2,281	161	2,442
Lakshadweep	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-
Bombay off shore oil	-	-	-	-	-	-	-

(a) Includes ilmenite mines also.

## LABOUR

Table 138-EMPLOYMENT IN PLANTATIONS

Year	Tea		Coffee(1)		Rubber		Total	
	No. of Estates	Average daily no. of workers	No. of Estates	Average daily no. of workers	No. of Estates	Average daily no. of workers	No. of Estates	Average daily no. of workers
1	2	3	4	5	6	7	8	9
1950	6,045	1,033,390	29,377	175,111	13,929	44,287	49,351	1,252,788
1955	6,604	1,058,147	39,389	227,233	27,233	57,813	73,226	1,343,193
1960	8,934	845,166	46,597	285,444	57,721	93,754	113,252	1,224,364
1965	10,166	806,152	46,428	89,546 (b)	76,140	122,481	132,734	1,018,179
1971	12,015	766,593	50,851	..	115,111	147,902	177,977	914,495 (a)
1976	13,166	776,164	80,587	209,647	137,127	162,661	230,880	1,148,472
1981	13,403	849,206	99,802	287,024	219,000	199,775	332,212	1,336,005
1985	13,536	892,398	114,003	361,346	317,000	225,000 (P)	444,539	1,478,744
1986	13,546	891,954	117,185	370,566	337,000	229,000	467,731	1,591,540
1987	..	..	118,033	381,504(P)	360,000	234,000 (P)	..	..

Sources: 1. Ministry of Agriculture  
2. Rubber Board  
3. Tea Board  
4. Coffee Board

(1) Figure relate to Agriculture year ending June upto 1970, there after these are as on 31st March of the year.

(a) Data relate to Tea and Rubber Plantations only.

(b) Figure with earlier years are not comparable as the data in respect of average daily number of workers in Karnataka and Tamil Nadu relate to estates covered under the Platation Labour Act only.

## LABOUR

Table 139-EMPLOYMENT IN SHOPS AND COMMERCIAL ESTABLISHMENTS

(Covered by the Shops and Commercial Establishments Act and Weekly Holidays Act, 1942)  
( '000 number)

Year/State	Shops		Commercial establishments		Restaurants, theatres etc.		All establishments	
	No.	Workers	No.	Workers	No.	Workers	No.	Workers
1	2	3	4	5	6	7	8	9
1951	536	494	59	226	42	172	655 (b)	928 (b)
1956	931	773	103	461	77	295	1,111	1,529
1961	1,348	1,056	165	681	90	332	1,603 (c)	2,069 (c)
1966	1,685	1,251	227	890	111	380	2,023	2,521
1971	1,994	1,513	280	1,119	131	480	2,405	3,112
1976	2,176	1,585	365	1,497	151	522	2,691	3,604
1981	3,111	2,280	516	2,025	212	689	3,839	4,995
1982	2,712	1,940	487	2,007	159	560	3,358	4,507
1983	2,708	2,037	516	2,052	169	577	3,392	4,666
1984	2,326	1,722	516	1,854	163	581	3,005	4,158
1984								
State:								
Andhra Pradesh	179	144	10	41	12	59	201	245
Assam	37	47	3	36	3	25	42	108
Bihar	16	45	1	5	3	12	19	62
Gujarat	338	160	94	235	16	42	448	437
Haryana	123	55	(a)	1	4	5	127	61
Himachal Pradesh	17	8	1	3	3	3	21	15
Jammu & Kashmir	..	..	..	..	..	..	..	..
Karnataka	128	111	21	62	9	54	158	227
Kerala	143	99	17	80	22	64	182	243
Madhya Pradesh	163	43	32	22	18	19	212	83
Maharashtra	157	405	150	769	32	173	339	1,347
Manipur	1	1	(a)	(a)	(a)	1	1	2
Meghalaya	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1
Orissa	9	31	3	23	2	12	14	66
Punjab	214	51	49	90	12	19	275	160
Rajasthan	239	102	19	62	16	33	275	196
Tamil Nadu	269	192	11	63	1	10	281	265
Tripura	6	6	(a)	(a)	(a)	(a)	7	6
Uttar Pradesh	..	..	..	..	..	..	..	..
West Bengal	..	..	..	..	..	..	..	..
Union Territory:								
A. & N. Islands	1	2	(a)	(a)	(a)	(a)	1	2
Chandigarh	7	7	2	6	2	4	11	17
Delhi	251	185	101	341	5	33	357	559
Goa, Daman & Diu	21	20	2	11	2	8	25	39
Pondicherry	8	9	1	3	1	4	10	16

Source: Labour Bureau, Ministry of Labour

(a) Less than 500.

(b) Includes 18,000 establishments for which category-wise breakup is not available.

(c) Exclusive of 19,621 establishment for which category-wise breakup is not available.  
available.

Note: Totals may not tally due to rounding off of figures.

## LABOUR

Table 140-NUMBER OF APPLICANTS ON LIVE REGISTER OF EMPLOYMENT EXCHANGES  
(By Broad occupational groups and  
based on National classification of Occupations 1968)

Year/State	No. of employ- ment ex- changes(1)	No. of regist- rations	No. of job-seekers on the live register at the end of the year				
			Professio- nal, tech- nical and related workers	Administr- ative, execu- tive & man- nagerial workers	Clerical sales and related workers	Sales workers	Service workers
1	2	3	4	5	6	7	8
1976	517	5,619,397	560,724	8,211	552,531	2,103	269,473
1979	546	6,127,156	743,970	9,921	673,221	3,538	364,627
1980	567	6,158,242	784,208	10,455	908,327	3,216	410,753
1981	592	6,276,858	836,427	10,176	951,127	2,866	446,670
1982	619	5,862,944	927,533	7,826	1,022,745	2,720	474,803
1983	652	6,755,811	977,962	7,786	1,065,351	3,455	462,021
1984	666	6,218,967	1,056,710	8,577	1,130,799	4,629	455,952
1985	720	5,821,516	1,215,196	8,759	1,198,233	5,579	532,859
1986	741	5,535,368	..	..	..	..	..
1987	755	6,011,741	..	..	..	..	..
1987							
State:							
Andhra Pradesh	30	451,565	..	..	..	..	..
Arunachal Pradesh	1	-	..	..	..	..	..
Assam	47	155,740	..	..	..	..	..
Bihar	57	496,512	..	..	..	..	..
Goa	1	13,100	..	..	..	..	..
Gujarat	36	197,700	..	..	..	..	..
Haryana	84	280,989	..	..	..	..	..
Himachal Pradesh	14	82,006	..	..	..	..	..
Jammu & Kashmir	14	38,668	..	..	..	..	..
Karnataka	31	214,929	..	..	..	..	..
Kerala	36	442,864	..	..	..	..	..
Madhya Pradesh	55	415,340	..	..	..	..	..
Maharashtra	38	542,985	..	..	..	..	..
Manipur	9	29,707	..	..	..	..	..
Meghalaya	7	6,918	..	..	..	..	..
Mizoram	3	16,958	..	..	..	..	..
Nagaland	7	4,621	..	..	..	..	..
Orissa	20	191,773	..	..	..	..	..
Punjab	37	213,721	..	..	..	..	..
Rajasthan	28	232,281	..	..	..	..	..
Sikkim*	-	-	..	..	..	..	..
Tamil Nadu	30	540,278	..	..	..	..	..
Tripura	4	14,596	..	..	..	..	..
Uttar Pradesh	79	79,371	..	..	..	..	..
West Bengal	65	454,113	..	..	..	..	..
Union Territory:							
A. & N. Islands	1	4,379	..	..	..	..	..
Chandigarh	1	-	..	..	..	..	..
D. & N. Haveli	1	28,228	..	..	..	..	..
Delhi	17	182,034	..	..	..	..	..
Daman & Diu*	-	-	..	..	..	..	..
Lakshadweep	1	655	..	..	..	..	..
Pondicherry	1	9,710	..	..	..	..	..

Source: Directorate General of Employment and Training,  
Ministry of Labour

## LABOUR

Table 140-NUMBER OF APPLICANTS ON LIVE REGISTER OF EMPLOYMENT EXCHANGES-contd.  
(By Broad occupational groups and  
based on National classification of Occupations 1968)

No. of job-seekers on the live register at the end of the year						
Year/State	Farmers, Production and fishermen, related worke- hunters, rs, transport loggers & equipment related operators & workers labourers		Workers not classified by occupation			Grand Total
			Below matric including illiterates	Matriculates and above but below graduates	Graduates and above	
1	9	10	11	12	13	14
1976	31,438	1,014,058	316,193	3,382,370	797,231	9,784,332
1979	2,656	1,321,761	5,006,186	4,985,559	1,152,444	14,333,923
1980	80,813	1,408,341	5,892,209	5,491,787	1,210,261	16,200,270
1981	83,721	1,523,808	6,247,638	6,404,951	1,330,674	17,838,058
1982	87,088	1,559,746	7,167,218	7,070,578	1,432,749	19,753,006
1983	92,363	1,731,252	8,368,982	7,676,856	1,567,247	21,953,275
1984	71,529	1,899,544	8,661,805	8,582,895	1,674,351	23,546,791
1985	76,824	2,065,866	9,360,803	9,940,398	1,865,421	26,269,938
1986	..	..	..	..	..	30,131,180
1987	..	..	..	..	..	30,247,009
1987						
State:						
Andhra Pradesh	..	..	..	..	..	2,721,963
Assam	..	..	..	..	..	843,585
Bihar	..	..	..	..	..	2,708,065
Gujarat	..	..	..	..	..	781,781
Haryana	..	..	..	..	..	579,838
Himachal Pradesh	..	..	..	..	..	349,690
Jammu & Kashmir	..	..	..	..	..	127,398
Karnataka	..	..	..	..	..	1,012,629
Kerala	..	..	..	..	..	2,990,051
Madhya Pradesh	..	..	..	..	..	1,740,332
Maharashtra	..	..	..	..	..	2,615,360
Manipur	..	..	..	..	..	286,780
Meghalaya	..	..	..	..	..	19,059
Nagaland	..	..	..	..	..	23,214
Orissa	..	..	..	..	..	791,891
Punjab	..	..	..	..	..	618,976
Rajasthan	..	..	..	..	..	831,155
Sikkim*	..	..	..	..	..	-
Tamil Nadu	..	..	..	..	..	2,486,243
Tripura	..	..	..	..	..	117,466
Uttar Pradesh	..	..	..	..	..	2,963,371
West Bengal	..	..	..	..	..	4,564,650
Union Territory:	..	..	..	..	..	..
A. & N. Islands	..	..	..	..	..	15,985
Arunachal Pradesh*	..	..	..	..	..	-
Chandigarh	..	..	..	..	..	137,228
D. & N. Haveli**	..	..	..	..	..	-
Delhi	..	..	..	..	..	706,291
Goa, Daman & Diu	..	..	..	..	..	78,203
Lakshadweep	..	..	..	..	..	7,163
Mizoram	..	..	..	..	..	37,052
Pondicherry	..	..	..	..	..	91,590

\* No Employment Exchange is functioning.

\*\* Data are not maintained.

Note: Col.(2) does not include 80 University Employment Information and Guidance Bureaus (UEI&GB) functioning at the end of 1987. However, in other columns data in respect of these is included.

## LABOUR

Table-141A-NUMBER OF APPLICANTS PLACED IN EMPLOYMENT  
THROUGH EMPLOYMENT EXCHANGES  
(According to type of establishments)

Year/State	Central Govt.	Union Territory Administrations	State Govt.	Public Sector undertakings and local bodies				Other Establishments	Total
				Central Govt.	State Govt.	Local Bodies	Total		
1	2	3	4	5	6	7	8	9	10
1951	93,733	..	80,736	..	..	..	..	242,389	416,858
1956	66,001	..	75,721	..	..	..	..	48,133	189,855
1961	90,408	..	205,764	..	..	..	58,108	49,797	404,077
1966	112,543	..	219,041	..	..	..	107,285	68,473	507,342
1971	125,917	9,364	215,869	..	..	..	107,391	48,432	506,973
1976	106,805	9,265	207,407	..	..	..	116,398	56,906	496,781
1981	130,438	14,690	205,882	..	..	..	35,730	117,350	504,090
1985	66,932	21,679	153,219	43,310	43,582	30,344	117,236	29,469	388,535
1986	58,358	13,570	133,204	39,064	39,709	38,809	117,582	28,623	351,337
1987	59,424	16,318	115,328	42,619	43,488	301,741	116,848	26,527	334,445
1987 State:									
Andhra Pradesh	1,129	-	4,852	3,180	8,428	2,861	14,469	128	20,578
Arunachal Pradesh *	-	-	-	-	-	-	-	-	-
Assam	676	-	2,019	580	391	7	978	1,788	5,461
Bihar	15,276	-	1,489	3,365	90	13	3,468	280	20,513
Goa	75	-	689	113	65	3	258	109	1,131
Gujarat	1,763	-	3,378	981	1,833	4,101	6,915	1,643	13,699
Haryana	785	-	10,148	757	351	331	1,439	1,474	13,846
Himachal Pradesh	592	-	4,584	248	1,349	518	2,115	303	7,594
Jammu & Kashmir	1,485	-	305	512	-	-	512	22	2,324
Karnataka	1,502	-	3,719	2,654	380	213	3,247	357	8,825
Kerala	1,113	-	10,319	960	1,093	519	2,572	87	14,091
Madhya Pradesh	2,278	-	14,850	4,108	650	361	5,119	898	23,145
Maharashtra	6,532	-	6,345	4,505	2,203	6,630	13,338	4,092	30,307
Manipur	3	-	802	-	-	-	-	-	805
Meghalaya	129	-	7	67	1	1	69	2	207
Mizoram	43	600	349	38	3	11	52	-	1,044
Nagaland	143	-	255	-	1	-	1	-	399
Orissa	539	-	5,477	1,949	1,661	329	3,939	1,264	11,219
Punjab	1,154	-	5,182	933	303	245	1,481	557	8,374
Rajasthan	1,090	-	8,896	855	457	4,444	5,756	832	16,574
Sikkim*	-	-	-	-	-	-	-	-	-
Tamil Nadu	1,738	-	13,462	2,530	20,627	1,650	24,807	5,574	45,581
Tripura	21	-	1,924	1	2	6	9	2	1,956
Uttar Pradesh	3,832	-	9,808	5,922	2,384	1,089	9,395	4,964	27,999
West Bengal	931	-	5,434	796	786	506	2,088	1,696	10,149
Union Territory:									
A. & N. Islands	88	901	-	3	-	-	3	6	998
Chandigarh	130	1,359	3	250	10	-	260	14	1,766
D. & N. Haveli #	-	-	-	-	-	-	-	-	-
Delhi	16,362	13,166	1,018	7,309	343	6,903	14,555	434	45,535
Daman & Diu	-	-	-	-	-	-	-	-	-
Lakshadweep	6	20	-	-	-	-	-	-	26
Pondicherry	9	272	14	3	-	-	-	3	299

Source: Directorate General of Employment and Training, Ministry of Labour

\* No Employment Exchange is functioning in this State/Union Territory.

# One Employment Exchange is functioning in this Union Territory, but data are not being received.

## LABOUR

Table 141B-NUMBER OF APPLICANTS PLACED IN EMPLOYMENT THROUGH EMPLOYMENT EXCHANGES

(According to selected types of applicants)

Year/State	Ex-servicemen	East Pakistan migrants(1)	Women	Scheduled Castes	Scheduled Tribes
1	2	3	4	5	6
1951	25,663	..	28,321	56,699	..
1956	13,453	..	9,824	28,087	4,183
1961	9,886	..	29,607	49,976	6,835
1966	12,201	948	50,192	56,491	15,812
1971	15,153	806	61,123	67,727	17,978
1976	14,865	411	58,049	76,685	29,662
1981	13,236	244	63,634	64,276	22,230
1985	(a)	53	55,046	57,914	20,954
1986	(a)	135	50,734	54,966	21,905
1987	(a)	45	44,818	46,204	25,568
1987					
State:					
Andhra Pradesh	(a)	-	2,495	2,593	1,270
Arunachal Pradesh	..	..	..	..	..
Assam	(a)	-	741	347	584
Bihar	(a)	-	503	1,092	9,353
Goa	(a)	-	245	48	-
Gujarat	(a)	-	1,010	2,714	1,731
Haryana	(a)	-	2,111	3,585	2
Himachal Pradesh	(a)	-	1,173	1,045	389
Jammu & Kashmir	(a)	-	216	158	1
Karnataka	(a)	-	1,016	1,703	331
Kerala	(a)	-	6,745	1,143	128
Madhya Pradesh	(a)	1	1,492	3,195	5,193
Maharashtra	(a)	20	4,926	4,881	1,850
Manipur	(a)	-	164	9	186
Meghalaya	(a)	-	81	7	73
Mizoram	(a)	-	274	-	1,082
Nagaland	(a)	-	122	19	343
Orissa	(a)	-	1,839	1,674	1,202
Punjab	(a)	15	707	3,051	1
Rajasthan	(a)	-	3,147	2,231	978
Sikkim	(a)	..	..	..	..
Tamil Nadu	(a)	6	7,705	7,832	170
Tripura	(a)	-	373	27	18
Uttar Pradesh	(a)	-	1,517	5,519	175
West Bengal	(a)	3	973	1,171	268
Union Territory:					
A. & N. Islands	(a)	-	259	-	22
Chandigarh	(a)	-	218	1,000	6
D & N Haveli	(a)	..	..	..	..
Delhi	(a)	-	4,709	1,129	212
Daman & Diu	(a)	..	..	..	..
Lakshadweep	(a)	-	2	-	-
Pondicherry	(a)	-	55	31	-

Source: Directorate General of Employment and Training,  
Ministry of Labour(1) The figures relate to those who migrated from East Pakistan on or after 1-1-1964.  
These are being collected w.e.f 1965.

## LABOUR

Table 142-TOTAL EARNINGS OF FACTORY WORKERS IN INDIA(1)  
(By States)

(Rs. '000)

Year/State	1961	1966	1971	1976	1981	1983(P)	1984(P)	1985(P)
1	2	3	4	5	6	7	8	9
State:								
Andhra Pradesh	136,853	187,711	356,924	707,970	1,445,191	2,075,468	2,130,774	3,163,419
Assam	63,343	103,424	99,438	174,894	285,738	326,669	383,797	424,576
Bihar	274,917	388,861	561,164	1,346,226	1,384,982	2,744,271	1,912,240	2,410,055
Gujarat	496,308	728,879	913,061	1,945,995	3,337,633	3,967,668	3,184,948	3,338,194
Haryana	..	104,879	183,547	422,292	757,416	788,694	893,149	1,356,345
Himachal Pradesh	1,022	6,165	17,857	11,966	15,976	24,832	24,832	24,832
Jammu & Kashmir	..	3,562	7,200	21,989	64,709	69,551	75,263	75,263
Karnataka	123,591	214,445	260,545	350,709	1,050,226	..	..	..
Kerala	75,932	112,377	169,242	660,794	698,430	835,040	1,097,028	1,118,701
Madhya Pradesh	61,230	166,635	206,495	527,571	973,336	1,059,242	1,012,189	1,229,179
Maharashtra	1,132,731	1,848,497	2,309,474	5,179,555	6,537,627	7,563,660	8,559,310	9,263,985
Manipur	..	..	..	..	..	25,991	19,674	3,051
Meghalaya	..	..	..	..	..	..	..	..
Nagaland	..	..	..	..	..	12,343	15,533	11,875
Orissa	24,478	105,001	128,469	137,646	164,953	247,433	283,079	424,165
Punjab	106,541	121,978	162,156	301,750	533,097	528,878	510,055	719,612
Rajasthan	12,369	51,253	140,335	274,808	564,667	707,363	763,045	953,680
Tamil Nadu	358,546	649,306	1,001,250	2,082,049	3,672,156	4,520,686	5,854,589	5,415,543
Tripura	167	988	2,037	2,935	6,635	9,434	5,676	5,676
Uttar Pradesh	299,668	543,372	936,680	1,481,493	1,857,734	..	..	..
West Bengal	848,609	1,276,394	1,855,458	3,536,810	4,577,396	3,648,647	4,182,930	4,673,196
Union Territory:								
A. & N. Islands	2,370	4,919	8,143	31,758	20,120	55,890	101,594	106,189
Arunachal Pradesh	..	..	..	..	..	..	..	..
Chandigarh	..	..	..	..	..	..	..	..
D. & N. Haveli	..	..	..	..	..	..	..	..
Delhi	104,667	167,744	230,351	434,991	643,197	483,597	703,972	636,132
Goa, Daman & Diu	..	4,508	9,892	33,646	101,704	107,386	78,075	84,886
Lakshadweep	..	..	..	..	..	..	..	..
Mizoram	..	..	..	..	..	..	..	..
Pondicherry	..	..	26,741	54,063	113,414	101,775	101,895	91,462
Total	4,123,342	6,790,899	9,586,460	19,721,910	28,806,337	29,904,520	31,893,647	35,530,017

Source: Labour Bureau,  
Ministry of Labour

(1) Covers all employees drawing less than Rs. 400 p.m. upto 1975. For the period 1976-82 data relate to employees drawing less than Rs. 1000 per month and for 1983 and onwards data relate to employees drawing less than Rs. 1600/-per month.

Note: The above data exclude Railway workshops.



## LABOUR

Table 143-AVERAGE PER CAPITA ANNUAL EARNINGS OF FACTORY WORKERS (1)  
(By States)

(Rupees per worker)

Year/State	1961	1966	1971	1976	1978	1980	1981	1983(P)	1984(P)	1985(P)
1	2	3	4	5	6	7	8	9	10	11
State:										
Andhra Pradesh	1,149	1,454	2,339	3,731	3,625	5,186	6,095	7,123	6,660	8,409
Assam	1,599	2,130	2,484	3,504	4,673	4,494	5,891	6,384	7,545	10,556
Bihar	1,856	2,050	2,752	5,262	5,527	5,584	5,760	7,861	7,231	6,880
Gujarat	1,702	2,340	2,763	4,793	5,645	8,544	7,320	9,502	9,482	3,760
Haryana	..	1,712	2,569	4,931	5,664	6,401	7,059	8,320	8,713	10,827
Himachal Pradesh	1,288	2,115	2,849	4,395	3,636	4,745	7,022	7,146	7,146	7,146
Jammu & Kashmir	..	978	1,695	2,087	3,400	4,069	5,082	5,437	5,429	5,429
Karnataka	1,375	1,840	2,654	3,042	3,045	4,903	7,545	..	..	..
Kerala	1,152	1,724	2,565	5,253	4,936	7,146	6,948	7,908	9,324	9,149
Madhya Pradesh	1,816	2,118	3,013	6,378	7,391	7,964	8,299	9,315	11,291	12,618
Maharashtra	1,775	2,480	3,090	5,680	7,210	7,190	8,762	8,376	10,673	12,730
Manipur	..	..	..	..	..	..	..	4,265	5,719	1,783
Meghalaya	..	..	..	..	..	..	..	..	..	..
Nagaland	..	..	..	..	..	..	..	17,698	13,208	9,847
Orissa	1,180	2,000	3,242	5,417	6,119	6,728	7,497	10,466	10,281	12,283
Punjab	1,174	1,636	2,219	3,675	4,285	5,196	5,642	7,438	7,498	9,261
Rajasthan	761	1,412	2,507	4,954	5,811	6,698	7,493	8,683	8,816	11,117
Tamil Nadu	1,465	2,032	2,670	4,817	5,388	6,451	6,907	7,840	9,627	9,482
Tripura	..	1,271	2,790	2,251	3,630	7,937	2,454	2,440	4,476	4,476
Uttar Pradesh	1,264	1,826	2,483	4,486	5,418	6,376	6,775	..	..	..
West Bengal	1,410	2,024	3,028	5,840	6,970	7,977	8,149	10,545	11,606	12,093
Union Territory:										
A. & N. Islands	1,234	1,621	2,315	2,831	3,620	4,096	6,280	4,411	10,060	13,236
Arunachal Pradesh	..	..	..	..	..	..	..	..	..	..
Chandigarh	..	..	..	..	..	..	..	..	..	..
D. & N. Haveli	..	..	..	..	..	..	..	..	..	..
Delhi	1,655	2,321	3,040	5,092	5,528	6,228	5,999	5,838	10,180	9,335
Goa, Daman & Diu	..	2,105	2,204	5,965	5,715	5,211	11,886	7,869	11,224	11,065
Lakshadweep	..	..	..	..	..	..	..	..	..	..
Mizoram	..	..	..	..	..	..	..	..	..	..
Pondicherry	..	..	2,673	4,879	5,473	8,066	8,694	10,484	10,827	8,277
All India	1,540	2,112	2,821	5,125	6,068	6,997	7,416	8,440	9,611	8,882

Source: Labour Bureau,  
Ministry of Labour

- (1) Covers all employees drawing less than Rs. 400 p.m. upto 1975. For the period 1976-82 data relate to employees drawing below Rs. 1,000 p.m. and for 1983 and 1984 data relates to employees earning less than Rs. 1600 p.m. Excludes workers employed in Railway workshops and group of industries of seasonal nature consisting of food, beverages, tobacco and construction but includes defence installations.

## LABOUR

Table 144-AVERAGE PER CAPITA ANNUAL EARNINGS OF FACTORY EMPLOYEES BY INDUSTRIES (1)  
(Based on National Industrial Classification-1970)

(Rupees per worker)

Industry Code	Industry	1971	1976	1981	1983 (P)	1984 (P)	1985 (P)
1	2	3	4	5	6	7	8
23	Manufacture of cotton textiles	2,799	5,041	7,560	8,643	8,712	6,126
24	Manufacture of wool, silk and synthetic fibre textiles	2,899	4,682	7,622	9,762	10,336	10,337
25	Manufacture of jute, hemp and mesta textiles	2,776	4,768	7,471	8,180	8,974	12,139
26	Manufacture of textile products (including wearing apparel other than footwear)	2,485	4,231	5,775	6,065	7,955	5,302
27	Manufacture of wood and wood products, furniture and fixtures	1,849	2,499	4,325	5,478	6,137	6,551
28	Manufacture of paper, paper products and printing, publishing and allied industries	2,873	5,204	7,723	5,822	9,770	10,691
29	Manufacture of leather and leather and fur products (except repair)	2,852	4,446	6,541	5,816	6,536	6,102
30	Manufacture of rubber, plastic, petroleum and coal products	2,554	4,873	6,608	5,451	9,480	9,378
31	Manufacture of chemicals & chemical products (except products of petroleum and coal)	2,899	4,287	7,606	9,474	10,266	8,854
32	Manufacture of Non-metallic mineral products	1,880	3,406	5,316	7,044	7,313	8,027
33	Basic metal and alloys industries	3,165	6,378	7,496	9,499	8,882	10,000
34	Manufacture of metal products and parts, except machinery and transport equipment	2,575	4,462	6,643	8,480	9,528	9,083
35	Manufacture of machinery, machine tools and parts except electrical machinery	2,795	5,704	7,962	10,254	11,204	12,342
36	Manufacture of electrical machinery, apparatus appliances and supplies & parts	3,076	6,096	7,738	9,014	6,320	10,225
37	Manufacture of transport equipment & parts	3,496	6,559	9,231	10,450	11,819	12,547
38	Other manufacturing industries	3,006	4,870	6,939	8,223	8,941	9,956
40	Electricity	3,441	6,659	9,063	8,751	12,378	10,654
41	Gas and steam	4,126	5,916	6,637	8,742	9,203	13,976
42	Water works and supply	2,461	4,564	6,862	10,397	8,918	11,286
61	Wholesale trade in fuel, light chemicals, perfumery, ceramics & glass	3,726	3,501	2,506	3,081	4,731	10,124
62	Wholesale trade in wood, paper, other fabrics, hide and skin and inedible oils	3,217	7,098	10,716	14,433	15,570	13,530
63	Wholesale trade in all types of machinery, equipment including transport and electrical equipment	1,457	2,868	..	4,200	..	4,467
64	Wholesale trade in miscellaneous manufacturing	1,836	2,210	10,538	4,000	4,014	8,117
67	Retail trade in fuel and house hold utilities and other durables	..	..	2,686	4,259	2,411	4,045
68	Retail trade in others	3,002	3,389	6,048	8,119	7,935	8,832
69	Restaurants and hotels	1,084	2,117	2,316	3,909	3,977	6,999
70	Land transport	3,059	10,923	10,497	8,110	8,704	14,131

Source: Labour Bureau, Ministry of Labour

(1) See footnote on page 366

## LABOUR

Table 144-AVERAGE PER CAPITA ANNUAL EARNINGS OF FACTORY EMPLOYEES BY INDUSTRIES(1)-contd.  
(Based on National Industrial Classification-1970)

(Rupees per worker)

Industry Code	Industry	1971	1976	1981	1983 (P)	1984 (P)	1985 (P)
1	2	3	4	5	6	7	8
71	Water transport	4,083	8,948	10,028	9,921	8,898	13,322
72	Air transport	3,659	10,777	6,661	7,850	17,011	7,469
73	Services incidental to transport	2,790	5,941	8,732	3,928	13,769	12,037
74	Storage and warehousing	1,859	5,983	6,963	7,822	8,815	11,613
75	Communication	3,961	..	..	..	..	..
80	Banking and similar type of financial institutions	..	..	..	..	3,626	..
81	Providents and Insurance	..	..	..	..	..	..
82	Real estate and business services	2,302	4,232	5,776	8,132	8,974	10,353
90	Public administration & defence services	2,189	4,724	2,828	5,136	10,425	15,871
91	Sanitary services	3,588	4,509	6,368	6,149	10,925	10,566
92	Education, scientific and research services	1,070	5,434	8,664	13,240	9,591	10,144
93	Medical and health services	2,747	3,037	4,634	5,876	6,969	4,977
94	Community services	..	..	1,490	10,129	10,013	7,759
95	Recreational and cultural services	2,694	4,807	4,460	6,261	8,473	8,130
96	Personal services	2,352	3,511	5,319	8,571	9,902	7,333
97	Repair services	2,995	5,776	7,458	8,571	11,151	13,645
98	International and other extra territorial bodies services	4,734	8,420	12,390(a)	18,312	19,724	13,156
99	Services not elsewhere classified	2,756	8,087	9,071	11,735	16,871	14,005
X1	Activities not adequately defined (other than that in X0)	485	2,307	3,986	1,556	..	..
Y0	Repair services(if not included under 97)	2,605	4,835	-	-	12,111	12,134
	All Industries	2,821	5,125	7,416	8,440	9,611	8,882

(a) Due to heavy amount of bonus/arrears.

Note: For previous years' data based on National Industrial Classification 1960, please refer to earlier issues of this publication.

## LABOUR

Table 145-WAGES AND EARNINGS OF MINING LABOUR

(Rupees)

Average Weekly Earnings of Miners and Loaders- Coal Mines										
In December	Assam		West Bengal (Raniganj)		Bihar (Jharia)		Madhya Pradesh		All Coalfields	
	Under-ground	Open working	Under-ground	Open working	Under-ground	Open working	Under-ground	Open working	Under-ground	Open working
1	2	3	4	5	6	7	8	9	10	11
1951	16.22	11.90	12.22	11.30	12.92	10.39	11.02	11.30	12.52	10.59
1956	21.71	18.62	18.13	17.55	20.74	17.67	17.65	15.83	19.20	17.58
	22.37	16.91	23.66	23.60	23.51	21.37	24.32	20.54	23.88	22.53
	35.75	28.69	34.08	37.32	32.36	21.59	37.00	26.28	34.01	33.13
	41.83	31.98	58.01	39.96	53.61	45.90	58.32	53.88	56.44	55.29
1976	155.45	114.70	130.21	110.43	123.90	105.58	149.53	139.20	129.87	114.09
1981	226.07	193.07	212.94	183.05	214.52	120.42	225.87	215.67	220.72	181.34
1985	376.52	289.62	343.96	440.38	300.59	327.04	459.08	570.79	382.86	319.42
1986	443.15	392.49	380.37	331.75	331.02	322.16	492.35	374.63	391.59	328.49
1987	506.63	429.46	414.45	351.40	360.08	331.65	487.01	441.14	446.11	351.42

Average Daily Earnings of Miners and Loaders- Non-coal(1)							
In December	Mica		Manganese	Iron Limestone		China clay	
	Andhra Pradesh	Bihar	Madhya Pradesh	Bihar	Madhya Pradesh	Bihar	
1	2	3	4	5	6	7	
1951	. . . . .	2.02	2.08	1.50	1.44	1.28	0.37
1956	. . . . .	2.07	2.10	1.57	1.85	1.68	1.05
1961	. . . . .	2.39	2.78	2.03	2.16	1.89	1.08
1966	. . . . .	2.29	2.40	2.62	3.03	3.66	1.48
1971	. . . . .	3.02	3.42	2.95	5.52	4.69	1.80
1976	. . . . .	5.49	5.66	8.13	11.71	7.80	5.60
1981	. . . . .	9.16	10.45	11.29	23.89	12.37	6.79
1985	. . . . .	16.51	16.65	16.24	29.83	23.16	12.04
1986	. . . . .	16.07	17.53	22.66	49.37	33.61	14.14
1987	. . . . .	18.00	27.71	22.05	51.51	37.88	15.42

Source: Directorate General of Mines Safety,  
Ministry of Labour

(1) Underground in the case of mica mines and open cast workings in the case of others.

## LABOUR

Table 146-INDUSTRIAL INJURIES IN FACTORIES

Year/State	FATAL		NON-FATAL		TOTAL	
	Number	Incidence rate(1)	Number	Incidence rate(1)	Number	Incidence rate(1)
1	2	3	4	5	6	7
1951	234	0.09	75,713	29.84	75,947	29.93
1956	278	0.09	128,177	44.47	128,455	44.56
1961	474	0.14	159,222	45.53	159,696	45.67
1966	591	0.15	208,253	51.18	208,844	51.33
1971	635	0.15	324,545	75.52	325,180	75.67
1976	831	0.17	299,483	61.37	300,319	61.54
1981(P)	742	0.16	340,727	72.38	341,469	72.54
1982(P)	626	0.12	319,408	62.87	320,034	62.99
1983(P)	456	0.13	212,704	55.50	213,160	55.63
1984(P)	608	0.13	253,531	51.78	254,139	51.91
1984						
State:						
Andhra Pradesh	76	0.20	6,436	16.59	6,512	16.79
Assam	8	0.11	1,012	13.93	1,020	14.04
Bihar	56	0.13	7,065	15.92	7,121	16.05
Gujarat	72	0.16	33,644	73.50	33,716	73.66
Haryana	11	0.23	1,618	53.41	1,629	53.64
Himachal Pradesh	..	..	..	..	..	..
Jammu & Kashmir	1	0.07	95	6.81	96	6.88
Karnataka	..	..	..	..	..	..
Kerala	8	0.05	5,314	31.48	5,322	31.53
Madhya Pradesh	78	0.48	24,261	148.45	24,339	148.93
Maharashtra	104	0.10	61,298	59.57	61,402	59.67
Manipur	-	-	-	-	-	-
Meghalaya	-	-	2	0.92	2	0.92
Orissa	16	0.20	3,132	40.01	3,148	40.21
Punjab	25	0.25	2,788	28.30	2,813	28.55
Rajasthan	24	0.20	7,447	61.89	7,471	62.09
Tamil Nadu	46	0.06	15,840	19.32	15,886	19.38
Tripura	1	0.24	33	7.76	34	8.00
Uttar Pradesh	..	..	..	..	..	..
West Bengal	76	0.08	80,529	112.44	80,605	112.52
Union Territory:						
A. & N. Islands	1	0.21	118	25.38	119	25.59
Chandigarh	..	..	..	..	..	..
Dadra and Nagar Haveli	-	-	-	-	-	-
Delhi	4	0.04	1,553	17.06	1,557	17.10
Goa, Daman & Diu	-	-	583	38.37	583	38.37
Pondicherry	1	0.10	763	75.21	764	75.31

Source: Labour Bureau,  
Ministry of Labour

(1) Rate per 1,000 workers employed.

(a) Excludes Karnataka, as the figures of employment were not available.

## LABOUR

Table 147-INDUSTRIAL INJURIES IN MINES  
(By Minerals)

Year	No. of accidents		No. of injuries		Rate per 1000 persons employed	
	Fatal	Serious	Fatal	Serious	Fatality	Serious injury
1	2	3	4	5	6	7
1951	359	2,487	425	2,568	0.77	4.70
1956	262	4,138	335	4,281	0.53	6.81
1961	289	5,038	344	5,173	0.51	7.71
1966	269	3,096	319	3,210	0.45	4.58
1971	264	2,244	304	2,346	0.48	3.72
1976	287	2,569	387	2,672	0.51	3.50
1981	228	2,678	254	2,783	0.34	3.71
1985	243	1,425	273	1,492	0.34	1.88
1986	250	1,558	300	1,608	0.38	2.03
1987	230	1,312	250	1,360	0.31	1.69
1987						
Minerals:						
Apatite	-	7	-	7	-	2.30
Asbestos	2	-	2	-	1.42	-
Bauxite	-	1	-	1	-	0.15
China Clay	1	-	1	1	0.13	-
Chromite	2	3	2	4	0.23	0.45
Coal	162	910	176	946	0.32	1.78
Copper	4	38	4	40	0.32	3.19
Dolomite	-	4	-	4	-	0.70
Galena & Sphalerite	2	67	3	69	0.51	11.82
Gold	3	94	3	95	0.26	8.13
Iron Ore	11	60	11	60	0.23	1.23
Kyanite	-	1	-	1	-	0.76
Lime stone	12	54	12	54	0.23	1.06
Magnesite	-	9	-	9	-	1.47
Manganese	2	16	2	16	0.11	0.91
Mica	1	-	1	-	0.30	-
Ochre	1	-	3	-	5.78	-
Oil	11	43	11	43	0.42	1.62
Pyrites	-	2	-	2	-	1.56
Sand Stone	1	-	1	-	0.33	-
Steatite	4	1	5	3	1.33	0.80
Stone	9	1	10	4	0.93	0.37
Wolframe	1	1	2	1	5.97	2.98

Source: Directorate General of Mines Safety,  
Ministry of Labour

## LABOUR

Table 148- INDUSTRIAL DISPUTES  
(Resulting in work-stoppages involving 10 workers or more)

Year/State	No. of disputes	No. of workers involved	No. of mandays lost
1	2	3	4
1961	1,357	511,860	4,918,755
1966	2,556	1,410,056	13,846,329
1971	2,752	1,615,140	16,545,636
1976	1,459	736,974	12,745,735
1981	2,589	1,588,004	36,583,564
1984	2,094	1,949,029	56,025,240
1985	1,755	1,078,801	29,239,466
1986	1,892	1,644,880	32,748,228
1986			
State:			
Andhra Pradesh	214	367,862	7,926,322
Assam	7	9,258	23,330
Bihar	65	262,899	516,682
Gujarat	224	54,685	1,184,574
Haryana	47	9,397	313,554
Himachal Pradesh	18	1,225	5,236
Jammu & Kashmir	3	528	11,011
Karnataka	49	18,698	232,641
Kerala	107	130,967	2,326,629
Madhya Pradesh	80	110,764	860,740
Maharashtra	224	44,916	3,436,071
Manipur	8	2,597	5,981
Meghalaya	1	350	700
Nagaland	4	2,888	34,634
Orissa	64	39,404	152,429
Punjab	56	48,999	640,788
Rajasthan	111	35,611	683,847
Sikkim	-	-	-
Tamil Nadu	272	161,150	3,591,348
Tripura	10	2,649	78,898
Uttar Pradesh	83	48,171	527,607
West Bengal	188	266,176	8,554,371
Union Territory:			
A. & N. Islands	1	73	73
Arunachal Pradesh	-	-	-
Chandigarh	-	-	-
D. and N. Haveli	-	-	-
Delhi	41	22,451	1,533,117
Goa, Daman & Diu	15	3,164	107,645
Lakshadweep	-	-	-
Mizoram	-	-	-
Pondicherry	-	-	-

Source: Labour Bureau,  
Ministry of Labour

## LABOUR

Table 149- INDUSTRIAL DISPUTES  
(By causes)

Year	Wages and allowances	Bonus	Personnel	Retrenchment	Leave & hours of work	Indiscipline & violence	Others	Not known	Total no. of disputes
1	2	3	4	5	6	7	8	9	10
1961	399	91	361	24	39	..	400	43	1,357
1966	907	335	532	109	62	..	591	20	2,556
1971	935	384	476	149	39	97	643	29	2,752
1976	332	196	350	74	41	140	285	41	1,459
1981	728	207	456	94	43	244	681	136	2,589
1982	744	145	470	68	36	292	657	71	2,483
1983	690	150	453	79	46	331	658	81	2,488
1984	556	162	339	55	37	281	575	89	2,094
1985	383	123	340	52	31	274	497	55	1,755
1986	460	173	343	73	23	271	445	104	1,892

Source: Labour Bureau, Ministry of Labour

Table 150 - WORKMEN'S COMPENSATION  
(Compensation of injuries under Workmen's Compensation Act)

Year	Number of compensated injuries				Amount of compensation paid (Rs. in lakhs)				
	Death	Disability		Total	Death	Disability		Total	
		Perma- nent	Tempo- rary			Perma- nent	Tempo- rary		
1	2	3	4	5	6	7	8	9	
1961	. . . .	1,238	4,897	87,603	93,738	27.66	25.58	26.74	79.99
1966	. . . .	1,624	4,947	84,650	91,221	86.42	56.20	50.86	193.48
1971	. . . .	1,101	3,046	53,199	57,346	75.06	37.11	46.98	159.15
1976	. . . .	1,005	4,380	37,703	43,088	75.00	31.85	27.42	134.27
1981	. . . .	1,493	2,632	30,321	34,446	208.74	70.00	135.62	414.36
1982	. . . .	2,026	1,762	40,070	43,858	206.47	79.36	62.80	348.63
1983	. . . .	1,018	2,367	39,589	42,974	152.89	76.08	57.63	286.60
1984	. . . .	591	687	18,577	19,855	127.67	31.06	54.82	213.55

Source: Labour Bureau, Ministry of Labour

Note: Totals may not tally due to rounding off of figures.



## LABOUR

Table 151-LABOUR TRAINING  
(As on 31st March)

Year/State	Craftsmen training scheme (1)						Apprenticeship training (2)	
	Number of training institutes centres	No. of persons undergoing training at the end of the year					Number of establishments in which apprentices were engaged	Number of apprentices under training at the end of the year
		Engg. trades	Non-engg. trades	Total	Non-engg. trades in ITI's exclusively for women	Grand total		
1	2	3	4	5	6	7	8	9
1961	163	34,554	1,740	36,294	556	36,850	..	..
1966	357	92,221	3,387	95,608	603	96,211	1,998	26,204
1971	357	99,011	8,798	107,809	880	108,689	4,638	45,261
1976	356	127,470	9,713	137,183	985	138,168	14,419	132,956
1981	356	131,710	10,733	142,443	970	143,413	12,015	118,948
1983	621	156,618	13,748	170,366	6,394	176,760*	12,664	128,650
1984	657	183,541	17,762	201,303	7,773	209,076	13,375	134,203
1985	657	130,571	13,411	143,982	5,554	149,536	13,555	128,562
1985								
State:								
Andhra Pradesh	41	7,951	552	8,503	63	8,566	728	7,309
Assam	9	773	51	824	-	824	61	522
Bihar	32	5,945	102	6,047	133	6,180	413	3,545
Gujarat	29	3,419	157	3,576	-	3,576	1,727	15,898
Haryana	63	5,245	1,311	6,556	886	7,442	615	3,942
Himachal Pradesh	32	1,403	639	2,042	299	2,341	103	290
Jammu & Kashmir	19	907	823	1,730	-	1,730	55	383
Karnataka	21	6,629	152	6,781	-	6,781	586	8,322
Kerala	14	6,605	187	6,792	124	6,916	532	5,362
Madhya Pradesh	34	7,721	1,035	8,756	549	9,305	259	4,673
Maharashtra	58	23,487	1,728	25,215	-	25,215	2,094	24,828
Manipur	2	250	35	285	-	285	22	54
Maghalaya	2	191	112	303	-	303	5	7
Nagaland	1	221	51	272	-	272	-	-
Orissa	15	4,195	449	4,644	-	4,644	427	2,934
Punjab	94	7,968	1,061	9,029	2,253	11,282	619	3,720
Rajasthan	22	4,146	433	4,579	-	4,579	144	2,128
Sikkim	1	82	12	94	-	94	-	-
Tamil Nadu	35	8,480	22	8,502	267	8,769	1,330	14,184
Tripura	3	197	64	261	-	261	1	5
Uttar Pradesh	77	24,739	3,253	27,992	271	28,263	2,033	17,460
West Bengal	19	5,619	153	5,772	-	5,772	689	7,237
Union Territory:								
A. & N. Islands	-	-	-	-	-	-	-	-
Arunachal Pradesh	1	216	-	216	-	216	-	-
Chandigarh	2	441	89	530	298	828	45	234
D. & N. Haveli	1	196	-	196	-	196	-	-
Delhi	13	1,781	378	2,159	411	2,570	966	4,866
Goa, Daman & Diu	13	1,159	477	1,636	-	1,636	30	383
Lakshadweep	-	-	-	-	-	-	-	-
Mizoram	1	141	31	172	-	172	-	-
Pondicherry	3	464	54	518	-	518	71	276

Source: Directorate General of Employment and Training

(1) Data prior to 1983 relate to the permanently sanctioned institutes/centres only.

(2) Information under the Apprentices-Act, 1961, is being collected from 1964.

(3) Information relating to craftsmen training scheme for the year 1984 and 1985 relates to Sept.

\* Information is based on 95% response.

## LABOUR

Table 152-EMPLOYMENT IN INSURANCE

('000 numbers)

Year	Life Insurance	General Insurance(1)	Total
1	2	3	4
1960-61	40.2	15.7	55.9
1965-66	51.6	19.0	70.6
1970-71	51.9	24.7	76.6
1975-76	57.4	27.0	84.4
1980-81	55.4	40.7	96.1
1983-84	60.4	42.0	102.4
1984-85	62.9	44.4	107.3
1985-86	66.4	50.6	117.0
1986-87	70.2	55.7	125.9
1987-88	72.6	63.4	136.0

Sources: (1) Life Insurance Corporation of India  
(2) General Insurance Corporation of India

(1) Includes employment in four subsidiary companies from 1972-73 onwards.

Table 153-EMPLOYMENT IN BANKS

('000 numbers)

Year	Scheduled banks				Non-scheduled banks		Regional Rural banks		Reserve Bank of India	Grand Total
	No. of banks		No. of employees		No. of banks	No. of employees	No. of banks	No. of employees	No. of employees	No. of employees
	Indian	Foreign	Indian	Foreign						
1	2	3	4	5	6	7	8	9	10	11
1960	77	16	100	10	..	7	-	-	10	127
1966	60	13	160	10	25	2	-	-	16	188
1971	60	12	266	11	9	1	-	-	20	298
1976	59	12	412	11	7	1	40	1	27	452
1981	62	16	616	11	3	0.2	106*	20	30	677
1983	62	17	736#	11	3	0.3	149@	32	32	811
1984	61	18	800	11	3	0.3	173	41	35	887.3
1985	59	19	824	11	3	0.4	187	49	34	918.4
1986	58	21	866	11	3	0.5	194	50	33	960.5
1987	57	21	880	12	3	0.6	196	52	33	977.6

Source: Reserve Bank of India

\* Includes estimated data for one RRB.

# Excludes data for two Indian scheduled banks.

@ Excludes data for one RRB.

## LABOUR

Table 154A-EMPLOYMENT IN PORTS  
(Employment in Major and Intermediate Ports)  
(As on 31st March)

(numbers)

Maritime/State	1968	1971	1976	1981	1983	1984	1985	1986	1987	1988
1	2	3	4	5	6	7	8	9	10	11
(i) Major Ports										
Calcutta (1)	43,797	41,093	39,235	35,733	33,005	32,545	31,231	29,864	28,269	24,873
Paradip	1,123	1,541	2,745	2,843	3,038	3,122	3,118	3,123	3,142	5,590
Visakhapatnam	8,727	10,022	11,450	12,175	12,258	12,070	11,962	11,699	11,543	11,013
Madras	12,617	12,687	11,424	11,907	12,041	11,994	12,077	12,502	12,204	11,469
New Tuticorin	-	-	1,308	2,270	2,316	2,336	2,356	2,365	2,401	2,286
Cochin	5,695	6,462	6,383	7,321	6,901	6,903	6,805	6,699	6,735	5,967
New Mangalore	-	-	917	1,149	1,150	1,372	1,392	1,377	1,367	1,314
Mormugao	2,328	2,547	2,737	3,750	3,750	3,725	3,737	3,777	3,855	3,683
Bombay	29,256	29,706	30,140	30,963	33,463	32,667	32,023	31,832	31,886	30,987
Kandla	3,759	8,661	3,647	4,874	4,079(b)	4,079(c)	4,079	4,948	5,432	4,537
Total . . . .	107,302	107,319	109,986	112,985	112,001	110,813	119,620	108,186	106,834	101,719
(ii) Minor & Intermediate Ports in the Maritime States										
Andhra Pradesh	..	302	356	497(e)	497	497	497	497	619	619
Tamil Nadu	..	429	274(a)	428	428	387	392	365	363	376
Pondicherry	..	62	69	75	75	75	75	75	75	75
Karnataka	..	340	159	519	477	477	477	131	135	135
Kerala	..	209	296	291	291	291	291	401	410	930
Maharashtra	..	249	405	265	243	257	250	249	250	239
Gujarat	..	2,338	3,627	4,211	4,211	4,211	4,211	4,211	4,211	4211
Goa, Daman & Diu	..	..	107	169	183	174	174	166	158	160
Andaman Group	..	..	..	..	..	..	..	..	..	..
Lakshadweep Group	..	..	..	..	102	102	102	105	105	105
Total . . . .	6,509	3,929	..	6,455	6,507	6,471	6,469	6,327	6,327	6859

(1) Includes Haldia port and the figure is as on 1st January from 1983 onwards.

(a) Excludes project staff.

(b) As on 30-11-1982.

(c) As on 30.11.83

(e) Estimated.

Table 154B-EMPLOYMENT IN PORTS  
(No. of Dock workers registered with Dock Labour Board at Major Ports )  
As on 31st March

(numbers)

Major Ports	1964	1966	1971	1976	1981	1984	1985	1986	1987	1988
1	2	3	4	5	6	7	8	9	10	11
Major Ports										
Kandla	..	..	457	655	703	818	835	837	837	871
Bombay	4,731	4,347	3,873	7,950	8,396	10,920	10,685	10,380	9,092	10121
Mormugao	..	3,509	3,147	2,657	1,814	1,124	1,118	1,113	1,106	968
Cochin	1,811	1,981	1,751	1,328	1,230	1,328	1,074	1,227	937	823
Madras	..	1,614	2,427	1,766	1,676	1,677	1,963	1,771	1,664	1483
Visakhapatnam	865	981	1,408	1,314	1,030	889	869	845	838	685
Paradip	..	..	..	..	1,569	1,499	1,499	1,506	1,506	..
Calcutta	..	10,412	8,590	12,901	8,908	7,985	7,648	7,537	7,115	6249
Total . . . .	7,407	22,844	21,653	28,566	25,326	26,240	25,591	25,216	23,095	21200

Source: Directorate of Transport Research,  
Deptt. of Surface Transport

@ As on 31st December

## ***TRADE UNIONS***

**F**igures given in this section are based on the annual returns relating to financial years received from the State Governments and Union Territories under the Indian Trade Unions Act, 1926 upto the year 1964-65; and from the year 1965, the returns are being received on a calendar year basis. The Act applies to the entire Indian Union. The figures relating to the period 1951-52 to 1961-62 do not include Manipur, Lakshadweep, and from 1962-63 onwards do not include Lakshadweep.

The statistics relate to only those unions which have been registered under the Act. It is not obligatory on trade unions to secure registration under the Indian Trade Unions Act. Even among registered ones, the response of the unions submitting annual returns is generally less than fifty percent. Data regarding unregistered unions are not available.

## TRADE UNIONS

Table 155-NUMBER, MEMBERSHIP, INCOME, EXPENDITURE AND FUNDS OF REGISTERED TRADE UNIONS

Year/State	Number of trade unions			Membership at the end of the year (000)			Income including balance carried over from previous year (Rs. lakhs)	Expenditure (Rs. lakhs)	Balance of funds at the close of the year (Rs. lakhs)
	Registered	Submitting returns	Percentage response	Workers' Unions	Employers' Unions	All Unions			
1	2	3	4	5	6	7	8	9	10
1950-51	3,766	2,013	53.4	..	..	1,757	135	65	70
1955-56	8,095	4,006	49.5	2,270	5	2,275	133	67	66
1960-61	11,312	6,813	60.2	4,000	12	4,013	301	159	142
1966	14,686	7,244	49.3	4,369	23	4,392	595	304	291
1971	22,484	9,029	40.2	5,431	39	5,470	856	437	419
1976	29,350	9,777	33.3	6,468	75	6,543	1,370	656	714
1981(a)(P)	37,539 (E)	6,682	45.6	5,377	20	5,397	2,276	935	1,341
1983(a)(P)	38,935 (E)	6,844	44.0	5,399	18	5,417	2,665	1,122	1,543
1984(a)(P)	42,609 (E)	6,451	28.8	5,136	13	5,150	2,823	1,137	1,686
1985(a)(P)	45,067 (E)	7,815	31.5	6,414	18	6,433	3,706	1,472	2,234
1985									
State:									
Andhra Pradesh	2,838 (E)	..	..	..	..	..	..	..	..
Assam	294 (E)	..	..	..	..	..	..	..	..
Bihar	1,960	..	..	..	..	..	..	..	..
Gujarat	1,345	851	63.3	606	4	609	339	154	185
Haryana	921	320	34.7	215	(b)	215	32	19	13
Himachal Pradesh	154 (E)	..	..	..	..	..	..	..	..
Jammu & Kashmir	..	..	..	..	..	..	..	..	..
Karnataka	1,918 (E)	..	..	..	..	..	..	..	..
Kerala	8,733	616	7.1	320	..	320	90	63	27
Madhya Pradesh	905 (E)	..	..	..	..	..	..	..	..
Maharashtra	3,861	2,427	62.7	3,161	3	3,163	2,589	885	1,704
Manipur	58	58	100.0	13	(b)	13	2	1	1
Meghalaya	16 (E)	..	..	..	..	..	..	..	..
Nagaland	20	9	45.0	2	(b)	2	1	1	1
Orissa	912	98	10.7	109	-	109	28	15	13
Punjab	1,366	457	33.5	316	1	317	59	45	14
Rajasthan	2,596 (E)	..	..	..	..	..	..	..	..
Tamil Nadu	4,041	2,407	59.6	870	(b)	870	456	208	248
Tripura	109 (E)	..	..	..	..	..	..	..	..
Uttar Pradesh	2,018 (E)	..	..	..	..	..	..	..	..
West Bengal	9,212 (E)	..	..	..	..	..	..	..	..
Union Territory:									
A & N. Islands	76	71	93.4	13	-	13	4	3	1
Chandigarh	186 (E)	..	..	..	..	..	..	..	..
Delhi	1,262	284	22.5	740	10	750	77	58	19
Goa, Damaa & Diu	99	76	76.8	33	-	33	25	15	10
Pondicherry	167	141	84.4	17	-	17	3	2	1

Source: Labour Bureau,  
Ministry of Labour

(a) Incomplete.

(b) Less than 500.

(E) Estimated.

Note: i) The figures have been rounded off so the totals may not tally.

ii) For the year 1950-51 the membership figures were available only for 2,002 unions.

## TRADE UNIONS

Table 156-NUMBER OF REGISTERED TRADE UNIONS

Year/State	Workers' Unions		Employers' Unions		All Unions	
	On register	Submitting returns	On register	Submitting returns	On register	Submitting returns
1	2	3	4	5	6	7
1950-51	3,714	1,976	52	37	3,766	2,013
1955-56	8,016	3,968	79	38	8,095	4,006
1960-61	11,145	6,708	167	105	11,312	6,813
1966	14,370	7,086	316	158	14,686	7,244
1971	22,121	8,909	363	120	22,484	9,029
1976	28,796	9,574	604	203	29,350	9,777
1981(a)(P)	36,930 (E)	6,590	609 (E)	92	37,539 (E)	6,682
1983(a)(P)	38,287 (E)	6,746	648 (E)	98	38,935 (E)	6,844
1984(a)(P)	41,863 (E)	6,372	746 (E)	79	42,609 (E)	6,451
1985(a)(P)	44,309 (E)	7,718	758 (E)	97	45,067 (E)	7,815
1985						
CENTRAL UNIONS	2,677 (E)	776	4	-	2,681 (E)	776
Andhra Pradesh	753 (E)	..	..	..	753 (E)	..
Assam	-	..	..	..	-	..
Bihar	28	..	4	..	32	..
Gujarat	16	10	-	-	16	10
Haryana	57	23	-	-	57	23
Himachal Pradesh	-	..	-	..	-	..
Jammu & Kashmir	..	..	..	..	..	..
Karnataka	-	..	-	..	-	..
Kerala	376	40	-	..	376	40
Madhya Pradesh	-	..	-	..	-	-
Maharashtra	411	354	-	-	411	354
Manipur	-	-	-	-	-	-
Meghalaya	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-
Orissa	102	15	-	-	102	15
Punjab	-	-	-	-	-	-
Rajasthan	2 (E)	..	-	-	2 (E)	..
Tamil Nadu	411	267	-	-	411	267
Tripura	-	..	-	..	-	..
Uttar Pradesh	208 (E)	..	-	..	208 (E)	..
West Bengal	159 (E)	..	-	..	159 (E)	..
A. & N. Islands	9	8	-	-	9	8
Chandigarh	22 (E)	..	-	..	22 (E)	..
Delhi	103	41	-	-	103	41
Goa	20	18	-	-	20	18
Pondicherry	-	-	-	-	-	-

Source: Labour Bureau,  
Ministry of Labour

(a) Incomplete.

(E) Estimated.

## TRADE UNIONS

Table 156-NUMBER OF REGISTERED TRADE UNIONS-contd.

Year/State	Workers' Unions		Employers' Unions		All Unions	
	On register	Submitting returns	On register	Submitting returns	On register	Submitting returns
1	2	3	4	5	6	7
1985						
STATE UNIONS	41,632 (E)	6,942	754 (E)	97	42,386 (E)	7,039
Andhra Pradesh	2,085 (E)	..	-	..	2,085 (E)	..
Assam	294 (E)	..	-	..	294 (E)	..
Bihar	1,902 (E)	..	26	..	1,928	..
Gujarat	1,278	806	51	35	1,329	841
Haryana	849	295	15	2	864	297
Himachal Pradesh	143 (E)	..	11 (E)	..	154 (E)	..
Karnataka	1,906 (E)	..	12 (E)	..	1,918 (E)	..
Kerala	8,286 (E)	576	71	-	8,357 (E)	576
Madhya Pradesh	903 (E)	..	2 (E)	..	905 (E)	..
Maharashtra	3,374	2,043	76	30	3,450	2,073
Manipur	56	56	2	2	58	58
Meghalaya	16 (E)	..	-	-	16 (E)	..
Nagaland	18	8	2	1	20	9
Orissa	807	83	3	..	810	83
Punjab	1,317	449	49	8	1,366	457
Rajasthan	2,547 (E)	..	47 (E)	..	2,594 (E)	..
Tamil Nadu	3,625	2,136	5	4	3,630	2,140
Tripura	106 (E)	..	3 (E)	..	109 (E)	..
Uttar Pradesh	1,786 (E)	..	24 (E)	..	1,810 (E)	..
West Bengal	8,806 (E)	..	247 (E)	..	9,053 (E)	..
A. & N. Islands	67	63	-	-	67	63
Chandigarh	162 (E)	..	2 (E)	..	164 (E)	..
Delhi	1,053	228	106	15	1,159	243
Goa, Daman & Diu	79	58	-	-	79	58
Pondicherry	167	141	-	-	167	141

(E) Estimated.

## TRADE UNIONS

Table 157-NUMBER OF WORKERS' AND EMPLOYERS' UNIONS SUBMITTING RETURNS  
AND THEIR MEMBERSHIP BY INDUSTRIES

(As per National Industrial Classification-1970)

(membership in thousands)

Industry	1971		1976(P)(b)		1981(P)(b)		1984(P)(b)		1985(P)(b)	
	No.	Mem- ber ship	No.	Mem- ber ship	No.	Mem- ber ship	No.	Mem- ber ship	No.	Mem- ber ship
1	2	3	4	5	6	7	8	9	10	11
0 Agriculture, hunting, forestry and fishing	163	315	315 (2)	345 (1)	225 (3)	245 (a)	271 (1)	397 (a)	338	453
00 Agricultural production	23	54	136	89	68 (1)	102 (a)	57 (1)	192 (a)	101	310
05 Forestry and logging	7	6	9	1	21 (1)	5 (a)	29	8	31	9
06 Fishing	5	(a)	10	1	16 (1)	1 (a)	22	9	31	13
1 Mining and quarrying	93 (2)	90 (1)	194	384	121 (1)	88 (a)	113	153	133	210
10 Coal mining	16	27	44	267	30	18	22	82	33	148
19 Other mining	29	10	84	60	57	26	58	20	67	23
2-3 Manufacturing	2,084 (15)	1,114 (1)	4,621 (24)	2,681 (4)	2,815 (15)	1,854 (1)	2,868 (14)	1,646 (2)	3296 (9)	1834 (2)
20-21 Manufacture of food products	211 (2)	89 (a)	732 (6)	261 (1)	328 (3)	129 (a)	297 (2)	185 (9)	420 (1)	241 (a)
201 Manufacture of dairy products	13	2	43	13	30	12	24	16	46	19
202 Canning and preservation of fruits and vegetables	5	1	18 (1)	3 (a)	4	1 (1)	4 (a)	1	5	1
204 Grain mill products	35	6	100 (2)	32 (a)	33 (1)	3 (a)	31	4	31	8
205 Manufacture of bakery products	14	6	30 (1)	8 (a)	9	1	9	1	16	3
206 Manufacture and refining of sugar (vacuum pan sugar factories)	50	25	331 (2)	168 (a)	133 (2)	91 (a)	122 (1)	131 (a)	156	127
219 Manufacture of food-product n.e.c.	..	..	6	1	3	a	3	(a)	5	(a)
22 Manufacture of beverages, tobacco and tobacco products	146 (1)	81 (1)	317 (3)	165 (a)	106 (3)	58 (a)	158 (1)	88 (@)	160	76
23 Manufacture of cotton textiles	288	270	714 (2)	746 (a)	634	726	641 (1)	544 (1)	734 (1)	587 (1)
24 Manufacture of wool, silk, and synthetic fibre textiles	56	29	116	100	63 (1)	50 (a)	52	42 (1)	55 (1)	46 (a)
25 Manufacture of jute, hemp and mesta textiles	55	128	90	81	6	1	6	4	2	(a)
26 Manufacture of textile products(including wearing apparel other than footwear)	47 (4)	24 (1)	84 (3)	55 (1)	50	33	65	54	62	59
27 Manufacture of wood and wood products, furniture and fixture	87	16	107 (2)	13 (a)	34 (5)	7 (a)	64 (2)	16 (@)	71 (2)	17 (a)
28 Manufacture of paper and paper products and printing publishing and allied industries	163	36	368 (1)	103 (1)	235 (1)	59 (a)	221 (1)	54 (@)	251	63
29 Manufacture of leather and leather fur products.(except repair)	15	4	38	22	37	8	33	5	30	4
30 Manufacture of rubber,plastic, petroleum and coal products	98	48	111	30	68	25	66	36	84	42
31 Manufacture of chemicals and chemical products (except products of petroleum and coal)	182	40	492 (1)	156 (a)	339	155	351	141	391 (1)	177 (a)
32 Manufacture of non-metallic mineral products	145 (1)	55 (a)	272 (1)	136 (a)	176	79	207	75	225	81

For footnotes, see page 383.

Source: Labour Bureau, Ministry of Labour



## TRADE UNIONS

Table 157-NUMBER OF WORKERS' AND EMPLOYERS' UNIONS SUBMITTING RETURNS  
AND THEIR MEMBERSHIP BY INDUSTRIES-contd.

(As per National Industrial Classification-1970)

(membership in thousands)

Industry	1971		1976(P)(b)		1981(P)(b)		1984(P)(b)		1985(P)(b)	
	No.	Mem- ber ship	No.	Mem- ber ship	No.	Mem- ber ship	No.	Mem- ber ship	No.	Mem- ber ship
1	2	3	4	5	6	7	8	9	10	11
33 Basic metal and alloys industries	139 (1)	101 (a)	241 (1)	205 (a)	220 (1)	216 (a)	135 (1)	110 (a)	132 (1)	87 (a)
34 Manufacture of metal products and parts, except machinery and transport equipments	122 (1)	26 (a)	187 (2)	62 (a)	140	82	108 (1)	47 (a)	108 (1)	29 (a)
35 Manufacture of machinery machine tools and parts electrical machinery	124 (2)	47 (a)	309 (1)	171 (a)	135	65	215 (3)	139 (a)	312 (1)	176 (a)
36 Manufacture of electrical machinery, apparatus, appliances and supplies and parts	109 (1)	63 (a)	171	119	117	70	121 (1)	41 (a)	114	48
37 Manufacture of transport equipment and parts	57 (2)	48 (a)	112 (1)	105 (a)	91 (1)	65 (a)	92 (1)	58 (a)	107	80
38 Other manufacturing industry	40	9	160	153	36	28	36	8	38	21
4 Electricity, gas and water	125	82	275	293	179	228	138	250	155	258
40 Electricity	88	75	217	281	137	211	109	235	118	240
41 Gas and Steam	4	2	17	5	6	1	7	1	12	2
42 Water workers and supply	33	4	41	7	36	16	22	15	25	17
5 Construction	141 (1)	96 (a)	269 (1)	153 (a)	224 (1)	100 (a)	182 (1)	119 (a)	235 (1)	108 (a)
6 Wholesale and retail trade, restaurant and hotels	255 (24)	40 (5)	712 (114)	161 (32)	466 (30)	117 (5)	399 (24)	116 (4)	440 (24)	120 (6)
60 Wholesale trade (WT) in food, textiles, live-animals, beverage and intoxicants	34	4	77 (8)	16 (3)	104 (5)	33 (1)	67 (1)	49 (1)	78	23
7 Transport, storage and communication	501 (7)	354 (a)	920 (30)	1,455 (34)	691 (8)	1,533 (6)	737 (8)	1,405 (5)	820 (10)	1752 (7)
700 Railway transport	23	150	68	873	21	724	31	759	29	910
701 Passenger transport by tramway and bus services	126	58	229 (2)	195 (a)	187	136	206	193	218	270
702 Passenger transport by motor vehicles	58	20	78 (2)	63 (24)	97 (3)	134 (5)	90 (1)	81 (5)	95	43
71 Water transport	66	91	132	210	82	164	99	226	98	126
75 Communications	1	(a)	8	15	20	224	7	48	10	113
8 Financing, Insurance, real estate business services	249 (1)	73	646 (1)	350 (1)	505 (1)	352 (3)	443 (1)	309 (a)	614 (2)	469 (a)
80 Banking and similar type of financial institutions	199	56	485	290	407	304	362 (1)	255 (a)	506	414
81 Provident and insurance	34	15	111	51	65	40	45	46	54	43
9 Community, social and personal services	624 (4)	134 (1)	1,158 (6)	348 (1)	854 (7)	296 (1)	734 (4)	298 (a)	1016 (5)	357 (1)

For footnotes, see page 383.

## TRADE UNIONS

Table 157- NUMBER OF WORKERS' AND EMPLOYERS' UNIONS SUBMITTING RETURNS  
AND THEIR MEMBERSHIP BY INDUSTRIES-concl'd.

(As per National Industrial Classification-1970)

(membership in thousands)

Industry	1971		1976		1981(P)(b)		1984(P)(b)		1985(P)(b)	
	No.	Mem- ber ship	No.	Mem- ber ship	No.	Mem- ber ship	No.	Mem- ber ship	No.	Mem- ber ship
1	2	3	4	5	6	7	8	9	10	11
90 Public administration and defence services	197	42	511	209	361	142	277 (1)	153 (a)	433 (5)	164 (1)
91 Sanitary services	126	24	178	41	93	3,802	74	29	92	30
96 Personal services	13	2	57 (2)	8 (a)	60 (2)	23 (a)	59	31	69	44
X Activities not adequately defined	42 (1)	15 (a)	456 (25)	295 (3)	507 (27)	564 (4)	483 (26)	434 (2)	667 (46)	844 (3)
Y Repair services if not included under major groups 97	3	(a)	8	5	3	1	4	8	4	7
Grand Total . . . . .	4,280 (54)	2,313 (9)	9,574 (203)	6,468 (75)	6,590 (92)	5,378 (20)	6,372 (79)	5,136 (13)	7,718 (97)	6,414 (18)

(a) Denotes less than 500.

(b) Excludes Rajasthan and West Bengal in 1976.

Andhra Pradesh, Assam, Bihar, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh, Nagaland, Tripura, Uttar Pradesh and West Bengal in 1981.

Andhra Pradesh, Assam, Bihar, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Tripura, Uttar Pradesh and West Bengal in 1982.

Andhra Pradesh, Assam, Bihar, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh, Tripura, Uttar Pradesh, West Bengal and Chandigarh in 1983.

Andhra Pradesh, Assam, Bihar, Himachal Pradesh, Karnataka, Madhya Pradesh, Rajasthan, Tripura, Uttar Pradesh, West Bengal and Chandigarh in 1984.

Andhra Pradesh, Assam, Bihar, Himachal Pradesh, Jammu &amp; Kashmir, Karnataka, Madhya Pradesh, Rajasthan, Tripura, Uttar Pradesh, West Bengal, Chandigarh and Meghalaya in 1985.

## Notes:

- (i) Figures in brackets relate to employers' unions and are not included in the respective workers' union figures.
- (ii) The figures do not include information from Jammu & Kashmir.
- (iii) The membership figures have been rounded-up to thousands, so the totals may not necessarily tally.
- (iv) Figures for the year 1971 do not include information in respect of Maharashtra, Tamil Nadu, Tripura, Uttar Pradesh A.&N. Islands, Delhi & Pondicherry for which the information has been presented in Table No. 157A.

## TRADE UNIONS

Table 158—GENERAL FUNDS OF REGISTERED TRADE UNIONS

(1) WORKERS' UNIONS

(Rs.'000)

State/Union Territory	No. of unions submitting returns	Opening balance	Income	Expenditure	Closing balance
1	2	3	4	5	6
1960-61	6,717	11,010	15,309	13,955	12,361
1966	7,086	21,918	25,674	22,100	25,492
1971	8,909	37,466	42,691	40,855	39,303
1976	9,574	62,621	67,629	60,883	69,367
1978(a)(P)	8,239	72,104	84,124	68,847	87,381
1980(a)(P)	4,399	25,135	44,182	38,987	30,330
1981(a)(P)	6,590	107,713	112,728	89,728	130,713
1983(a)(P)	6,746	132,925	127,124	108,665	151,384
1984(a)(P)	6,372	132,934	143,635	109,413	167,156
1985(a)(P)	7718	178586	185308	142264	221631
1985					
CENTRAL UNIONS	776	33,335	44,513	33,918	43,931
Andhra Pradesh	..	..	..	..	..
Assam	..	..	..	..	..
Bihar	..	..	..	..	..
Gujarat	10	26	63	62	28
Haryana	23	295	321	274	341
Himachal Pradesh	..	..	..	..	..
Karnataka	..	..	..	..	..
Kerala	40	275	788	712	351
Madhya Pradesh	..	..	..	..	..
Maharashtra	354	29,300	33,029	24,410	37,919
Manipur	-	-	-	-	-
Orissa	15	206	579	422	362
Punjab	-	-	-	-	-
Rajasthan	..	..	..	..	..
Tamil Nadu	267	2,690	7,594	5,888	4,396
Tripura	..	..	..	..	..
Uttar Pradesh	..	..	..	..	..
West Bengal	..	..	..	..	..
A. & N. Islands	8	8	28	28	7
Chandigarh	..	..	..	..	..
Delhi	41	289	1,870	1,850	309
Goa, Daman & Diu	18	246	241	271	216

Source: Labour Bureau,  
Ministry of Labour

(a) Incomplete.

Note: Totals may not tally due to round off of the figures.

## TRADE UNIONS

Table 158-GENERAL FUNDS OF REGISTERED TRADE UNIONS-contd.

(i) WORKERS' UNIONS

(Rs. '000)

State/Union Territory	No. of unions submitting returns	Opening balance	Income	Expendi- ture	Closing balance
1	2	3	4	5	6
1984					
STATE UNIONS . . . . .	6,942	145,252	140,795	108,346	177,700
Andhra Pradesh . . . . .	..	..	..	..	..
Assam . . . . .	..	..	..	..	..
Bihar . . . . .	..	..	..	..	..
Gujarat . . . . .	806	15,209	17,886	14,953	18,142
Haryana . . . . .	295	842	1,762	1,639	964
Himachal Pradesh . . . . .	..	..	..	..	..
Karnataka . . . . .	..	..	..	..	..
Kerala . . . . .	576	1,925	5,966	5,627	2,285
Madhya Pradesh . . . . .	..	..	..	..	..
Maharashtra . . . . .	2,043	109,345	83,780	61,751	131,373
Manipur . . . . .	56	65	174	158	81
Meghalaya . . . . .	..	..	..	..	..
Nagaland . . . . .	8	22	94	65	51
Orissa . . . . .	83	764	1,241	1,093	913
Punjab . . . . .	449	1,179	4,114	4,163	1,130
Rajasthan . . . . .	..	..	..	..	..
Tamil Nadu . . . . .	3,136	14,222	21,109	14,938	20,393
Tripura . . . . .	..	..	..	..	..
Uttar Pradesh . . . . .	..	..	..	..	..
West Bengal . . . . .	..	..	..	..	..
A. & N. Islands . . . . .	63	38	312	297	53
Chandigarh . . . . .	..	..	..	..	..
Delhi . . . . .	228	1,071	2,607	2,165	1,513
Goa, Daman & Diu . . . . .	58	480	1,493	1,249	724
Pondicherry . . . . .	141	88	258	249	98

Note: Totals may not tally due to rounding off of figures.

## TRADE UNIONS

Table 158—GENERAL FUNDS OF REGISTERED TRADE UNIONS —concl'd.

(ii) EMPLOYERS' UNIONS

(Rs. '000)

State/Union Territory	No. of unions submitting returns	Opening balance	Income	Expendi- ture	Closing balance
1	2	3	4	5	6
1960-61	108	1,912	1,880	1,910	1,832
1966	158	3,809	8,105	8,270	3,845
1971	120	2,441	2,999	2,799	2,642
1976	203	1,595	5,122	4,701	2,016
1979(a)(P)	80	1,190	1,960	1,813	1,337
1980(a)(P)	35	411	952	904	460
1981(a)(P)	92	2,573	4,610	3,827	3,356
1983(a)(P)	98	2,508	3,945	3,556	2,898
1984(a)(P)	79	1,125	4,659	4,274	1,511
1985(a)(P)	97	1,519	5,178	4,927	1,770
1985					
CENTRAL UNIONS	..	..	..	..	..
STATE UNIONS	97	1,519	5,178	4,927	1,770
Andhra Pradesh	..	..	..	..	..
Assam	..	..	..	..	..
Bihar	..	..	..	..	..
Gujarat	35	281	460	391	351
Haryana	2	(b)	1	1	1
Himachal Pradesh	..	..	..	..	..
Karnataka	..	..	..	..	..
Kerala	..	..	..	..	..
Madhya Pradesh	..	..	..	..	..
Maharashtra	30	980	2,463	2,379	1,064
Manipur	2	1	8	8	1
Meghalaya	-	-	-	-	-
Nagaland	1	1	1	1	1
Orissa	-	-	-	-	-
Punjab	8	198	414	362	251
Rajasthan	..	..	..	..	..
Tamil Nadu	4	5	20	20	5
Tripura	..	..	..	..	..
Uttar Pradesh	..	..	..	..	..
West Bengal	..	..	..	..	..
A. & N. Islands	-	-	-	-	-
Chandigarh	..	..	..	..	..
Delhi	15	51	1,811	1,765	7
Goa, Daman & Diu	-	-	-	-	-
Pondicherry	-	-	-	-	-

(a) Incomplete.

(b) Less than Rs.500.

Note: Totals may not tally due to rounding off of the figures.

## PRICES

**T**his section presents statistics of the following items relating to prices

- (i) Index number of wholesale prices;
- (ii) Index number of Consumer prices for
  - (a) Industrial workers,
  - (b) Urban non-manual employees and
  - (c) Agricultural labourers;
- (iii) Index number of Security prices;
- (iv) Spot prices of gold and silver at Bombay.

Office of the Economic Adviser to the Government of India in the Ministry of Industry has been publishing the index numbers of wholesale prices with effect from January 10, 1942 onwards. Details of various series of index numbers of wholesale prices in India published since then alongwith the changes which were being carried out therein are furnished in the table below:

Index series with base	Number of		Date of introdu- cing the series	Method of Compli- cation	Formula used	Main classification
	Items	price quot- ati- ons				
1	2	3	4	5	6	7
(1) Week- ending August 19, 1939=100	23	23	Jan. 10, 1942	Geometric Mean	-	(i) Food & Tobacco (ii) Agricultural Commodities (iii) Raw materials (iv) Manufactured articles.
(2) Year ending August, 1939=100	78	215	Jan. 1947	Weighted Geometric Mean	Laspeyres (fixed wt.)	(i) Food Articles (ii) Industrial Raw materials (iii) Semi-manufactured (iv) Manufactures (v) Misc.
(3) 1952-53 =100	112	555	April, 1956	Weighted Arithmetic Mean	-do-	(i) Food Articles (ii) Liquor & Tobacco (iii) Fuel, Power, Light and Lubricants (iv) Industrial raw materials (v) Manufactures (a) Intermediate products (b) Finished products.
(4) 1961-62 =100	139	774	July, 1969	-do-	-do-	(i) Food Articles (ii) Liquor & Tobacco (iii) Fuel, power, light & Lubricants (iv) Industrial raw materials (v) Chemicals

1	2	3	4	5	6	7
						(vi) Machinery & Transport Equipments. (vii) Manufactures (a) Intermediate products (b) Finished products
(5) 1970-71 =100	360	1290	Jan, 1977	-do-	-do-	I. Primary Articles (i) Food Articles (ii) Non-Food Articles (iii) Minerals II. Fuel, Power Light & Lubricants III. Manufactured products (i) Food products (ii) Beverages, Tobacco & Tobacco products (iii) Textiles (iv) Paper & Paper Products (v) Leather & Leather Products (vi) Rubber & Rubber Products (vii) Chemicals & Chemical Products (viii) Non-Metallic Mineral Products (ix) Basic Metals Alloys & Metal Products (x) Machinery & Transport Equipment (xi) Misc. Products

The Consumer Price Index Numbers for industrial workers and for agricultural labour are computed by the Labour Bureau, Ministry of Labour and are published in the monthly publication "Indian Labour Journal" and annual publication "Indian Labour Statistics." Index Number of Consumer Prices for Urban non-manual employees are issued by the Central Statistical Organisation and are published in their monthly publication 'Monthly Abstract of Statistics'. The Index Numbers of Security Prices in India and spot prices of gold and silver at Bombay are computed by the Reserve Bank of India and are published in their monthly publication 'Reserve Bank of India Bulletin'.

Table 159

This table presents revised (Current) series of Index Numbers of Wholesale Prices with base 1970-71=100. A brief description of the scope, coverage and the method of computation of these series is given below:

The current series of Index Number of Wholesale Prices with base 1970-71=100, introduced since January, 1977, is based on the recommendations of the Working Group on Revision of Index Numbers of Wholesale Prices in India. The series contains 360 commodities as against 218 (as redefined) in the previous series. Owing to increasing sophistication of industrial production, some of the specifications of the previous series have been added as items in the revised series with the result that number of commodities included in the previous series have been shown as 218 instead of 139 for comparing it with the revised series. The criteria adopted in the selection of non-agricultural commodities are:

(a) A large number of new industrial items have been included to reflect the strides made by the country in the industrial field, (b) Items with the total value of production of more than Rs. 1 crore as per 1965 ASI data should be included and (c) Items of which indigenous output was small but had substantial imports should be included. Actual selection of industrial items, has, however, been based on the response of the principal manufacturers and associations in the matter of furnishing relevant price data. The number of quotations included in the current series stand at 1290 as compared to 774 in the previous series. Thus, 516 additional quotations have been included in the revised series. Most of the quotations pertain to new industrial items added in the index. The number of quotations under 'Manufactured Products' has increased from 404 in the previous series to 849 in the revised series. As far as possible, specifications and markets for the previous quotations have not been changed unless the specification is no longer representative of the commodity.

#### System of classification:

In the previous series (base 1961-62=100), commodity classification was based on the Standard International Trade Classification with slight adjustment to suit Indian conditions. In the revised series the Standard Industrial Classification has been adopted to bring about greater uniformity with the classification adopted in some other important indices like Index of Agricultural Production and Index of

Industrial Production and also to facilitate comparison of trends in the Wholesale Price Index with trends of comparable groups and sub-groups of other indices.

In the new classification, commodities are distributed under three major groups, viz., 'Primary Articles', 'Fuel, Power, Light & Lubricants' and 'Manufactured Products'. The major group 'Primary Articles' comprise of three groups:

(i) Food Articles (ii) Non-food Articles and (iii) Minerals. In other words, the major group 'Primary Articles' is broadly comparable with two groups of the previous classification, viz., food articles and industrial raw materials with certain minor adjustments. Sub-groups, such as (a) edible oils (b) sugar, gur and allied products (c) processed food and salt which were being included in the Food Articles under the previous classification are now being shown in the group 'Food products' of the major group 'Manufactured Products' as per the Standard Industrial Classification. Like-wise raw tobacco which featured in the 'Liquor & Tobacco' group in the previous classification is now being shown under 'Non-food Articles'. The 'Non-food Articles' consist of commercial crops and other primary products which come for further processing.

The major group 'Fuel, Power, Light & Lubricants' in the current series consisting of coal, coke, lignite, mineral oils and electricity is broadly comparable with the group 'Fuel, Power, Light & Lubricants' of the previous series except that the current series excludes castor oil and rectified spirit which have been included under the major group 'Manufactured products' in the current series.

The major group 'Manufactured Products' contains 11 groups under which semi-manufactured and manufactured products have been classified. In the previous classification, the group 'Manufactures' was divided into two sub-groups (i) Intermediate products and (ii) Finished products.

#### Weighting System:

The weights in the current series have been allotted on the basis of value of transactions which consist of (a) value of marketable surplus in the case of agricultural commodities and value of products for sale in the case of manufactured products, (b) total value of imports (c) total value of import excise duties, if applicable. In the case of manufactured products, gross value of production of the sample sector of Annual Survey of Industries upto three digit level of classification has also been assigned or imputed to the selected commodities depending upon the sub-group/group to which this three digit level industry belongs. In the current series weights between agricultural and non-agricultural sectors have been apportioned on the basis of the average value of aggregate transaction for three years ending 1969-70 to avoid any distortion in the weights. Since the agricultural production is subject to the weather conditions and fluctuates widely from year to year, the allocation of weights among different commodities within the agricultural sector has been done on the basis of the average value of marketable surplus during the three years ending 1969-70 in respect of each commodity. Imports, import duty and excise duty, if any, have also been added.

The allocation of weights among different commodities, sub-groups and groups within the major group 'Manufactured Products' has, however, been done on the basis of production during a single year 1968-69, inclusive of excise duty and value of imports. Value of products as given in the ASI-1968 Census and sample sectors have been generally utilised for assigning weights.

#### Collection of prices:

Weekly price quotations for the prescribed varieties on or about each Friday are collected. As regards the nature of price quotations, they represent wholesale transactions in the primary markets for agricultural commodities and generally ex-works, ex-mine and F.O.R. destination prices for non-agricultural items. The ex-works, ex-mine and F.O.R. prices normally correspond to producers' prices rather than to wholesale prices and are inclusive of central excise duty but exclusive of sales tax and other levies. There is no change in the system of price collection between the previous and the current series.

#### Method of calculation:

The current series is calculated on the principle of weighted arithmetic mean as in the previous series. The price relatives are calculated as the percentage ratios which current price quotations bear to those prevailing in the base period. In other words, the price relative for each variety in a market is calculated by dividing the current price quotations by corresponding base price (1970-71) and multiplying by 100. The commodity index is arrived at as the simple arithmetic average of price relatives of varieties or quotations in different markets. The sub-group, group and the index for the major group is derived at as the weighted arithmetic mean of commodity indices. Similarly, all commodity index is computed as the weighted arithmetic mean of major group indices.

#### Linking factor:

The current series of index number of wholesale prices with base 1970-71=100 has been introduced from the first week of January, 1977. In order to maintain continuity in the index, it is usual to provide linking factors for the base period in respect of individual commodities, sub-groups, groups and the general index so that the revised series may be compared with the out-going one. However, since there are



different methods available for linking any two series, the choice of the method of linking the current series with the previous series has been left to the users.

The details about the scope, coverage and method of computation etc., of the current series are described in the monograph, 'A Note on the Revised Index Number of Wholesale Price in India (1970-71=100)' published by the office of the Economic Adviser in the Ministry of Industry.

Table 160

This table presents the Consumer Price Index number for industrial workers on base 1960=100 by centres. The Labour Bureau is compiling the series in respect of 50 important centres (32 Factory, 10 Plantation and 8 Mining) selected from all over the country on the basis of their respective industrial importance in consultation with the various State Governments/Union Territories. The weighting diagrams, for these centres indices were derived from the expenditure data available from the Family Budget Enquiries conducted among sampled workingclass households at each of the centres, during 1958-59 by following uniform procedure under the guidance of Technical Advisory Committee on Statistics of Price and Cost of Living. The selection of markets, shops and outlets for the collection of retail price data at each of the centres, was made on the basis of their popularity among the working class population after making on the spot investigations in collaboration with the respective State Governments and representatives of employers and employees. The methodology adopted in the computation of 1960 based series was evolved after taking into consideration the prevailing international practice. For a detailed note on the scope and method of compilation of these series, reference may be made to the December, 1962 issue of the Indian Labour Journal. Indices, in respect of all the 50 centres are being published regularly in the Indian Labour Journal.

The linking factor for estimating the all India 1949 based series from the series based on 1960= 100 is obtained by equating 100 in the 1960 based series to 121.54 in the old series Base : (1949=100) in the case of General Index and to 115.74 in the case of Food Group Index. A reference may also be made to the October, 1968 issue of the Indian Labour Journal for a detailed note.

Table 161A

This table presents Consumer Price Index Number for urban non-manual employees based on the family budget survey of the non-manual employee population, carried out in 1958-59 at 45 selected urban centres of the country. A non-manual employee family for purpose of this survey was defined as one "which derived 50 per cent or more of its income during the reference month from the earnings of its members who are gainfully occupied as employees in non-manual work in non-agricultural sectors". The weighting diagram for the consumer price index at each centre was derived from the expenditure pattern of sample families falling in the income range of Rs. 100-750 per month. These indices, measure the average change in consumer prices over time at a particular centre and cannot be used for the comparison of costliness of different centres. For details regarding scope and methodology, reference may be made to the August 1966 issue of the monthly Abstract of Statistics, published by the Central Statistical Organisation.

Table 161B

The Consumer Price Index Numbers for Urban Non-Manual Employees has been revised to the new base of April 1984-March 1985=100 and the new series has been issued from November 1987 onwards.

Table 162

This table presents consumer price index number for agricultural Labourers on base : 1960-61=100. This series on base: 1960-61=100 replaces the interim series on base: 1950-51=100. w.e.f. Sept. 1964. The weighting diagram is based on the results of the second 'All India Agricultural Labour Enquiry' conducted by the National Sample Survey during August 1956 - August 1957. For details regarding scope and method of construction reference may be made to the November, 1964 issue of the Indian Labour Journal Published by the Labour Bureau.

Table 163

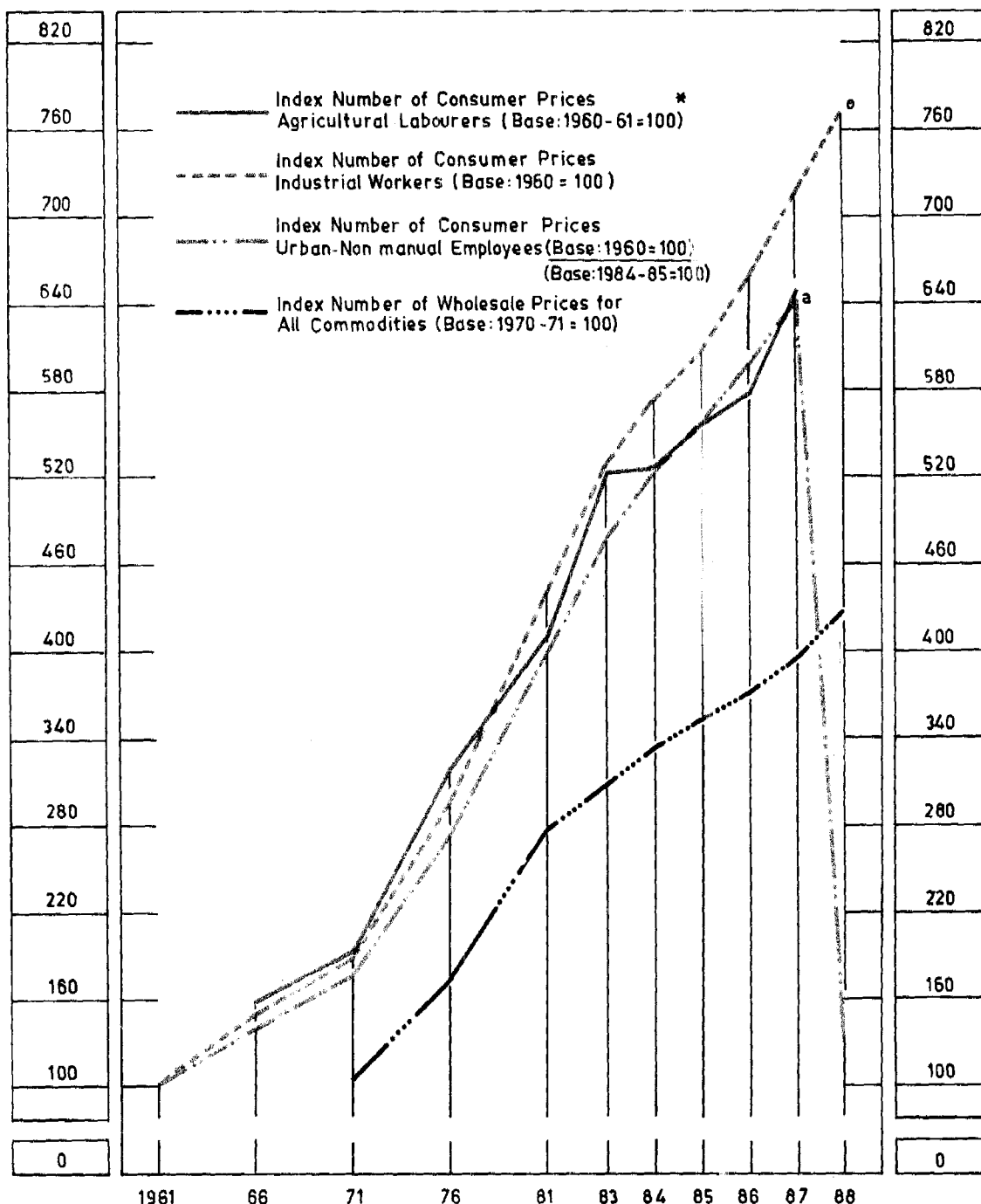
The table presents the series of index number of security prices with base 1980-81=100. The method of computation of the series is described below.

The selection of scrips is generally based upon their activity in the market and the size of their market value. The method of weighting used for the current series is similar to the one adopted for the earlier series. Weights are allocated in proportion to the amount outstanding as on March 31, 1981, in respect of Government and Semi-Government Securities and to the 'total average market value' of Ordinary Shares. For the details regarding the method of compilation of indices for current series with base 1980-81=100, a reference may be made to the article published in the July 1985 issue of R.B.I. Bulletin.

Table 164

This table presents spot prices of gold and silver at Bombay based on quotations supplied by the Bombay Bullion Association Ltd. Yearly prices are the highest/lowest quoted rates during the financial year upto 1970-71 and highest/lowest of closing quotations from 1975-76 onwards. Average prices are worked out from the closing quotations for working days. The nominal quotations for gold and silver are also included while compiling the figures.

## PRICE TRENDS



\* Relates to agricultural year 1966 indicates 1965-66 and so on

• Average of 9 months (April to December)

a Based on January 87 to October 87

• Average of 9 months (January to September 88)

RKESH

CSO No. 18/1-90

## PRICES

Table 159-INDEX NUMBER OF WHOLESALE PRICES IN INDIA  
(Revised series)

(Base: 1970-71=100)

Commodity	Weights	1971(a)	1976	1981	1984	1985	1986	1987	1988
1	2	3	4	5	6	7	8	9	10
<b>I. Primary Articles</b>									
Food articles-									
Foodgrains									
Cereals	107.43	100.9	151.6	213.1	247.0	255.5	274.0	289.3	325.5
Pulses	21.79	108.1	144.1	349.4	415.7	457.1	424.5	463.4	627.8
Sub-Group Index	129.22	102.1	150.4	236.1	275.4	289.5	299.4	318.6	376.5
Fruits & vegetables	61.32	99.2	143.3	237.2	301.1	344.1	418.4	437.0	443.6
Milk and milk products	61.50	103.0	153.6	204.4	273.7	277.9	291.3	328.3	357.9
Eggs, fish & meat	18.97	103.3	173.0	298.3	370.6	424.7	467.8	508.4	536.0
Condiments & spices	10.94	78.3	156.0	158.2	264.6	275.8	206.0	251.6	357.6
Group Index	297.99	101.0	152.2	230.3	294.6	312.4	334.0	358.2	396.6
Non-food articles-									
Fibres	31.73	108.5	172.2	214.9	288.1	258.2	187.0	264.3	310.5
Oilseeds	42.01	90.8	130.7	256.0	328.2	289.8	326.9	423.3	422.0
Other non-food articles	32.47	100.8	167.1	238.8	328.6	339.4	358.5	391.0	422.4
Group Index	106.21	99.2	154.2	238.4	316.3	295.6	294.8	365.9	388.8
Minerals-									
Petroleum crude & natural gas	6.02	128.0	728.5	2,159.9	1,739.0	1,749.2	1,745.5	1,078.9	1,079.1
Group Index	12.47	114.4	444.7	1,178.4	1,011.0	1,027.4	1,028.3	717.5	740.2
Major Group I Index	416.67	101.0	161.5	260.8	321.6	329.3	344.7	371.0	404.9
<b>II. Fuel, Power, Light and Lubricants</b>									
Coal mining	11.47	101.1	197.7	412.4	630.4	633.8	715.2	719.3	833.7
Mineral oils	49.12	107.6	267.4	487.6	539.5	592.3	621.3	623.1	643.8
Electricity	24.00	101.9	169.1	269.9	405.3	461.0	550.6	608.7	643.2
Major Group II Index	84.59	105.1	230.0	415.5	513.8	560.7	614.0	632.0	669.4
<b>III. Manufactured Products,</b>									
Food products-									
Sugar, Khandsari and gur	72.41	136.9	213.1	356.9	330.8	378.4	403.6	389.2	423.3
Miscellaneous food products-									
Edible oils	37.16	88.7	125.6	259.9	324.9	290.0	350.2	460.8	439.4
Oils cakes	9.05	88.4	160.1	257.6	310.1	309.4	322.4	421.6	412.1
Other misc. food products	2.95	102.1	152.9	247.8	286.4	286.4	305.1	343.0	369.2
Sub-Group Index	49.16	89.9	133.6	258.7	319.7	293.4	342.8	446.5	430.0
Group Index	133.22	116.3	180.0	309.8	322.2	339.3	372.9	404.8	421.3

(a) Average of 9 months (April-December)

Source: Office of the Economic Adviser,  
Ministry of Industry

## PRICES

Table 159-INDEX NUMBER OF WHOLESALE PRICES IN INDIA-contd.  
(Revised series)

(Base: 1970-71=100)

	Weights	1971(a)	1976	1981	1984	1985	1986	1987	1988
1	2	3	4	5	6	7	8	9	10
<b>III. Manufactured Products-contd.</b>									
Beverages, tobacco & tobacco products-Tobacco manufactures	19.49	109.3	179.6	229.8	272.3	305.5	362.1	388.1	404.9
Group Index	27.08	106.6	168.7	216.9	252.0	280.4	339.8	358.1	373.3
Textiles-									
Cotton textiles	81.02	109.1	151.3	225.8	255.5	265.2	261.2	282.3	305.5
Silk, art silk, synthetic fibre	12.83	104.8	156.6	226.9	274.3	286.7	294.5	344.7	407.3
Jute, hemp & mesta	12.14	112.0	123.7	174.4	363.5	359.6	238.8	258.3	319.8
Group Index	110.26	108.8	150.6	222.0	271.8	282.3	267.5	291.0	321.1
Paper & paper product	8.51	109.4	180.1	274.2	353.3	376.9	390.1	400.7	421.3
Leather and Leather products									
Tanned & cured finished	2.95	111.6	232.0	397.6	419.9	488.8	518.3	537.4	617.4
Leather footwear and other leather products	0.90	111.0	204.8	293.7	368.7	411.6	473.0	502.3	514.5
Group Index	3.85	111.4	226.0	373.6	408.0	470.8	507.8	529.2	593.4
Rubber & Rubber Products-									
Tyres & tubes	9.84	101.1	155.6	280.8	342.1	366.2	384.5	402.7	420.2
Group Index	12.07	101.5	157.5	274.6	332.3	355.2	375.9	393.1	411.0
Chemical & Chemical Products-									
Basic industrial chemicals	7.26	106.3	191.6	359.9	412.2	469.7	482.1	485.1	514.6
Fertilisers	12.52	100.3	192.3	269.0	262.8	262.5	286.7	288.6	288.4
Paints & varnishes	1.92	103.2	202.3	281.2	344.7	387.1	440.7	492.8	537.1
Drugs & medicines	9.83	99.5	130.3	150.0	191.5	195.4	201.9	212.0	264.0
Cosmetics, soaps and detergents	5.86	102.6	167.7	244.5	312.8	336.9	360.2	418.6	450.4
Synthetic resins & plastic materials	8.30	101.1	164.1	258.3	276.2	292.8	306.3	327.7	352.1
Dyestuffs & other chemicals	7.09	99.8	173.9	263.7	294.5	324.3	339.8	357.6	376.3
Group Index	55.48	101.3	171.3	256.9	289.0	306.0	324.1	345.6	369.9

(a) Average of 9 months (April-December).

## PRICES

Table 159-INDEX NUMBER OF WHOLESALE PRICES IN INDIA-concl'd.  
(Revised series)

(Base: 1970-71=100)

Commodity	Weights	1971(a)	1976	1981	1984	1985	1986	1987	1988
1	2	3	4	5	6	7	8	9	10
III.Manufactured Products-contd.									
Non-Metallic Mineral Products-									
Glass&glass products	1.98	112.4	207.7	332.6	361.6	371.5	381.9	389.7	394.3
Cement,lime & plaste	7.07	104.8	173.0	251.0	448.4	498.2	469.5	474.4	483.9
Group Index	14.15	108.1	191.0	301.1	422.6	451.3	445.8	454.6	469.8
Basic Metal, Alloys & metal products-									
Iron steel & ferro alloys	34.73	104.1	186.6	316.3	444.6	527.7	541.9	546.5	638.4
Non-ferrous metals & their alloys	11.78	98.4	207.9	302.6	374.7	402.0	398.5	448.5	536.8
Sub-groups index	46.51	102.7	192.0	312.8	426.9	495.9	505.6	521.7	612.6
Metal products	13.23	106.0	179.8	280.4	333.3	370.8	375.7	394.3	462.4
Group Index	59.74	103.4	189.3	305.7	406.2	468.2	476.8	493.5	579.3
Machinery & Transport Equipment Machinery & Machine tools-									
Non-electrical machinery									
Electrical machinery	30.91	104.6	176.6	268.8	320.1	350.7	373.6	393.8	421.0
Sub-groups index	19.54	102.9	163.3	216.8	249.0	269.1	286.3	290.1	322.1
Sub-groups index	50.54	103.9	171.5	248.6	292.5	319.4	339.8	353.7	382.7
Transport Equipment-									
Motor vehicles & parts									
Motor cycles, scooters bicycles & parts	13.73	107.1	174.4	308.7	333.1	377.4	405.0	425.0	485.4
Sub-groups index	3.00	103.7	143.5	207.6	245.6	279.4	294.0	299.4	330.0
Sub-groups index	16.73	106.5	168.8	290.6	317.4	359.7	385.1	402.5	457.5
Group Index	67.18	104.6	170.8	259.1	298.7	329.5	351.1	365.8	401.3
Miscellaneous Products									
Wood & wood products	1.74	103.1	160.2	293.5	364.0	382.4	385.7	388.1	440.1
Group Index	7.20	102.2	165.5	238.3	265.9	279.5	285.2	289.7	310.9
Major group III index	498.74	108.4	171.7	269.9	313.9	338.2	354.1	376.2	407.9
All Commodities	1,000	105.0	172.4	278.4	334.0	353.3	372.2	395.7	428.8

(a) Average of 9 months (April- December)

## PRICES

Table 160-CONSUMER PRICE INDEX NUMBER FOR INDUSTRIAL WORKERS

(Base: 1960=100)

State		Andhra Pradesh							
Centre	Gudur			Guntur			Hyderabad		
Year	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General
Weights	0.23	0.03	0.34	0.97	0.16	1.48	1.28	0.15	2.17
1	2	3	4	5	6	7	8	9	10
1961	105	111	106	105	105	105	102	106	104
1966	155	138	147	156	131	149	158	158	154
1971	207	202	194	206	161	197	198	214	192
1976	279	349	272	323	339	323	308	350	302
1981	471	527	446	481	504	477	474	509	455
1984	516	614	512	594	682	619	581	629	579
1985	545	628	540	609	755	646	597	682	610
1986	577	640	566	666	774	698	659	779	679
1987	609	640	593	782	795	792	708	803	731
1988	662	655	637	861	919	865	807	824	804

State		Assam							
Centre	Digboi			Doom Dooma			Labac		
Year	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General
Weights	1.42	0.19	2.32	0.85	0.10	1.27	0.65	0.13	1.01
1	11	12	13	14	15	16	17	18	19
1961	104	106	104	104	102	102	101	100	102
1966	170	135	155	154	117	144	168	116	154
1971	199	159	187	179	171	168	204	151	186
1976	303	304	307	248	330	246	266	241	246
1981	463	417	437	361	467	356	377	350	348
1984	610	545	581	484	631	473	509	414	460
1985	612	591	606	491	704	493	530	444	487
1986	663	614	650	512	787	515	528	471	491
1987	716	677	703	557	797	550	588	497	536
1988	749	762	768	614	785	590	619	785	590

Source: Labour Bureau,  
Ministry of Labour

## PRICES

Table 160-CONSUMER PRICE INDEX NUMBER FOR INDUSTRIAL WORKERS-contd.

(Base: 1960=100)

State		Assam-contd.						Bihar		
Centre		Mariani			Rangapara			Jamshedpur		
Year		Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General
		0.85	0.08	1.26	0.86	0.07	1.21	1.58	0.27	2.74
1		20	21	22	23	24	25	26	27	28
1961		98	103	99	106	107	105	100	102	101
1966		156	126	145	160	150	154	171	126	152
1971		187	154	175	186	187	179	210	161	185
1976		251	320	243	242	297	241	311	294	282
1981		384	395	358	375	432	367	465	467	413
1984		564	476	501	515	491	500	592	546	524
1985		581	476	519	501	527	501	630	566	563
1986		570	518	525	527	547	518	708	602	628
1987		619	620	565	603	750	591	744	627	665
1988		642	671	592	627	881	624	813	649	727

State		Bihar-contd.								
Centre		Jharia			Kodarma			Monghyr		
Year		Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General
		1.26	0.15	1.93	0.43	0.05	0.62	1.53	0.16	2.30
1		29	30	31	32	33	34	35	36	37
1961		99	104	100	108	106	106	104	100	104
1966		179	116	159	208	124	179	200	112	175
1971		209	163	186	231	195	211	221	148	202
1976		314	306	283	325	312	307	324	345	310
1981		462	429	412	472	435	451	509	474	470
1984		594	481	517	598	501	587	617	520	578
1985		602	494	530	605	513	606	636	544	610
1986		654	524	574	656	523	655	702	572	666
1987		731	550	637	730	530	727	761	607	725
1988		790	569	689	844	536	819	866	627	823

## PRICES

Table 160-CONSUMER PRICE INDEX NUMBER FOR INDUSTRIAL WORKERS-contd.

(Base: 1960=100)

Year	State	Bihar-concld.			Gujarat					
	Centre	Noamundi			Ahmedabad			Bhavnagar		
		Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General
	Weights	0.51	0.07	0.84	2.49	0.38	4.17	2.61	0.32	4.22
1		38	39	40	41	42	43	44	45	46
1961		98	101	99	101	103	102	102	100	102
1966		201	119	176	150	120	140	156	114	143
1971		215	164	196	186	169	178	198	223	191
1976		300	265	293	278	303	276	307	362	296
1981		426	465	417	439	453	423	465	554	445
1984		589	581	530	587	584	566	598	706	573
1985		573	671	536	602	608	589	651	779	632
1986		615	798	596	662	650	640	745	787	712
1987		683	822	666	740	676	710	820	808	776
1988		750	856	710	775	706	753	823	836	797

Year	State	Haryana			Jammu & Kashmir			Karnataka		
	Centre	Yamunanagar			Srinagar			Ammathi		
		Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General
	Weights	0.70	0.10	1.15	0.12	0.01	0.18	0.55	0.06	0.85
1		47	48	49	50	51	52	53	54	55
1961		101	106	102	102	110	104	103	107	105
1966		162	124	153	154	133	151	179	140	173
1971		207	180	199	169	185	177	201	176	199
1976		315	321	313	295	360	298	299	287	306
1981		475	487	470	464	474	460	480	352	460
1983		538	571	543	568	586	560	566	380	542
1984		562	564	572	634	611	627	595	410	591
1985		585	606	610	642	650	650	608	438	614
1986		630	653	654	729	718	724	666	462	661
1987		685	688	731	803	767	797	732	479	721
1988		749	717	811	826	806	844	822	535	800



## PRICES

Table 160-CONSUMER PRICE INDEX NUMBER FOR INDUSTRIAL WORKERS-contd.

(Base: 1960=100)

Year	State	Karnataka-concl'd.								
	Centre	Bangalore			Chikmagalur			Kolar Gold Field		
		Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General
	Weights	2.47	0.36	4.29	0.45	0.06	0.71	0.63	0.11	1.04
1		56	57	58	59	60	61	62	63	64
1961		105	103	105	99	105	102	102	102	102
1966		173	132	156	204	141	180	163	126	150
1971		199	190	193	202	196	199	199	175	186
1976		321	303	314	306	346	309	315	353	305
1981		498	430	492	470	526	465	492	467	456
1984		642	562	639	584	589	591	612	558	585
1985		650	592	668	575	655	599	602	604	603
1986		714	655	726	629	692	643	675	666	670
1987		794	686	786	668	725	684	754	717	734
1988		897	718	861	771	781	801	848	734	806

Year	State	Kerala								
	Centre	Alleppey			Alwaye			Mundakayam		
		Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General
	Weights	0.80	0.07	1.23	1.16	0.18	2.02	1.74	0.22	2.73
1		65	66	67	68	69	70	71	72	73
1961		101	107	102	104	110	104	105	104	103
1966		155	116	147	170	126	156	160	135	149
1971		211	202	203	210	178	198	212	192	197
1976		362	350	342	354	290	323	343	285	309
1981		434	542	456	453	428	452	504	472	452
1984		659	640	655	657	552	626	661	609	590
1985		654	702	660	671	580	654	650	633	595
1986		734	715	730	739	611	709	710	643	643
1987		805	732	792	806	622	765	814	661	721
1988		878	791	854	832	667	793	831	717	744

## PRICES

Table 160-CONSUMER PRICE INDEX NUMBER FOR INDUSTRIAL WORKERS-contd.

(Base: 1960=100)

State	Madhya Pradesh								
Centre	Balaghat			Bhopal			Gwalior		
Year	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General
Weights	0.55	0.12	0.97	0.61	0.09	1.09	0.66	0.16	1.16
1	74	75	76	77	78	79	80	81	82
1961	106	102	105	110	106	108	106	103	106
1966	171	130	153	171	126	155	174	112	154
1971	206	188	194	214	176	194	215	156	194
1976	329	319	306	306	273	288	326	343	310
1981	484	412	458	480	502	459	512	455	464
1984	641	479	592	592	681	611	619	576	576
1985	655	508	619	626	742	666	663	606	613
1986	712	527	681	720	786	753	714	637	660
1987	799	537	752	794	814	815	777	667	711
1988	886	561	843	856	832	854	872	699	788

State	Madhya Pradesh-concltd.			Maharashtra(1)					
Centre	Indore			Bombay			Nagpur		
Year	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General
Weights	0.64	0.12	1.12	4.84	0.80	8.84	2.57	0.49	4.49
1	83	84	85	86	87	88	89	90	91
1961	107	108	106	99	101	103	95	103	97
1966	169	129	154	150	130	143	155	141	144
1971	214	204	202	202	181	188	208	203	190
1976	316	379	316	314	290	294	324	340	294
1981	485	564	475	492	450	447	489	535	454
1984	610	655	602	666	563	599	634	611	590
1985	629	688	636	700	600	640	667	632	625
1986	744	724	724	776	643	701	700	641	663
1987	819	769	784	864	670	771	747	650	710
1988	837	796	828	947	703	843	816	699	782

(1) For the period 1961 to September, 1965 the indices in the old series have been shifted arithmetically to 1960 base by using appropriate conversion factors.

## PRICES

Table 160-CONSUMER PRICE INDEX NUMBER FOR INDUSTRIAL WORKERS-contd.

(Base: 1960=100)

State	Maharashtra(1)-concl'd.			Orissa					
Centre	Sholapur			Barbil			Sambalpur		
Year	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General
Weights	2.04	0.29	3.23	0.24	0.02	0.39	0.14	0.01	0.24
1	92	93	94	95	96	97	98	99	100
1961	96	..	99	95	108	98	96	101	100
1966	155	131	145	184	130	159	171	132	157
1971	211	185	195	205	160	183	205	164	194
1976	326	321	306	310	342	292	307	394	298
1981	523	483	481	411	478	402	461	559	455
1984	663	573	608	521	539	529	566	638	602
1985	683	620	632	549	565	566	600	673	649
1986	745	655	688	578	574	595	647	692	681
1987	795	659	736	637	591	660	700	695	727
1988	826	700	778	699	639	730	792	712	791

State	Punjab			Rajasthan					
Centre	Amritsar			Ajmer			Jaipur		
Year	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General
Weights	0.74	0.12	1.28	0.50	0.11	0.93	0.35	0.08	0.64
1	101	102	103	104	105	106	107	108	109
1961	102	107	102	104	108	105	106	109	106
1966	167	128	151	164	123	147	172	133	155
1971	212	179	197	193	196	187	198	195	188
1976	333	317	316	304	310	294	312	400	308
1981	493	459	456	503	488	466	518	584	480
1984	604	538	568	579	583	565	618	691	588
1985	643	616	609	631	631	614	672	738	634
1986	675	652	646	687	671	665	700	776	665
1987	734	734	718	772	701	740	766	840	735
1988	803	756	784	836	737	797	846	890	806

(1) For the period 1961 to September, 1965 the indices in the old series have been shifted arithmetically to 1960 base by using appropriate conversion factors.

## PRICES

Table 160—CONSUMER PRICE INDEX NUMBER FOR INDUSTRIAL WORKERS—contd.

(Base: 1960=100)

State	Tamil Nadu (2)								
Centre	Coimbatore			Coonoor			Madras		
Year	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General
Weights	1.44	0.19	2.34	1.06	0.19	1.82	1.58	0.17	2.62
1	110	111	112	113	114	115	116	117	118
1961	99	100	101	103	104	104	106	103	103
1966	138	154	142	148	120	141	136	118	141
1971	175	183	174	193	209	186	178	154	178
1976	311	295	300	310	332	295	286	320	283
1981	489	433	466	461	498	453	442	508	435
1983	606	461	566	590	553	568	555	604	537
1984	643	474	614	629	588	639	572	625	568
1985	662	531	658	623	608	658	609	651	615
1986	716	532	706	678	618	692	669	713	668
1987	774	564	762	743	662	740	744	742	735
1988	853	606	830	797	725	792	801	778	797

State	Tamil Nadu(2)—concl'd.			Uttar Pradesh					
Centre	Madurai			Kanpur			Saharanpur		
Year	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General
Weights	1.60	0.25	2.72	0.96	0.20	1.76	1.28	0.32	2.38
1	119	120	121	122	123	124	125	126	127
1961	104	100	105	98	104	101	98	105	102
1966	139	114	138	161	124	150	168	125	152
1971	203	175	189	210	199	194	204	181	192
1976	316	284	296	297	314	286	294	372	300
1981	504	419	460	459	461	429	464	511	444
1984	670	500	620	575	574	548	579	647	567
1985	669	528	634	616	604	596	625	685	611
1986	731	537	686	690	631	662	655	722	650
1987	810	584	761	762	637	712	705	760	699
1988	869	653	820	796	675	752	774	882	757

(2) For the period 1961 to January, 1970 in respect of Madras, Coimbatore and Madurai Centres, the indices in the old series (base July, 1935 to June, 1936=100) have been shifted arithmetically to base 1960=100 by using appropriate conversion factors.

## PRICES

Table 160-CONSUMER PRICE INDEX NUMBER FOR INDUSTRIAL WORKERS-contd.

(Base: 1960=100)

State	Uttar Pradesh-contd.			West Bengal					
Centre	Varanasi			Asansol			Calcutta		
Year	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General
Weights	1.30	0.16	1.99	2.40	0.22	3.52	3.89	0.38	6.22
1	128	129	130	131	132	133	134	135	136
1961	100	105	102	97	102	99	99	105	101
1966	196	122	174	154	121	145	153	130	144
1971	223	169	206	210	147	192	202	168	185
1976	334	325	321	340	309	313	316	318	290
1981	517	468	490	470	489	444	421	513	406
1983	626	588	600	553	537	518	513	606	493
1984	660	629	646	584	559	562	581	642	564
1985	681	674	681	612	598	603	603	682	598
1986	742	724	743	666	633	650	674	710	657
1987	854	745	831	706	675	695	718	714	701
1988	895	783	869	747	706	742	790	819	764

State	West Bengal-contd.								
Centre	Darjeeling			Howrah			Jalpaiguri		
Year	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General
Weights	0.39	0.05	0.58	1.83	0.16	2.89	1.18	0.10	1.74
1	137	138	139	140	141	142	143	144	145
1961	97	105	99	98	110	100	100	99	101
1966	177	129	160	167	124	151	172	124	159
1971	182	152	171	210	166	188	189	153	177
1976	255	287	247	316	300	287	262	259	253
1981	367	395	358	414	460	391	360	369	351
1984	477	544	472	548	554	522	468	444	464
1985	499	572	504	577	607	556	495	484	508
1986	532	629	561	646	629	615	519	547	538
1987	598	746	631	677	652	646	572	602	589
1988	623	836	672	731	686	689	605	655	620

PRICES

Table 160-CONSUMER PRICE INDEX NUMBER FOR INDUSTRIAL WORKERS-concl'd.

(Base: 1960=100)

State	West Bengal-concl'd.			Delhi			All India		
Centre	Raniganj			Delhi					
Year	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General	Food	Clothing, bedding, footwear	General
Weights	1.21	0.09	1.79	0.78	0.17	1.44	60.92	8.54	100.00
1	146	147	148	149	150	151	152	153	154
1961	97	104	98	102	105	103	109	..	104
1966	161	123	148	160	129	147	164	..	151
1971	209	150	186	221	198	209	203	180	190
1976	343	295	303	328	359	328	312	316	296
1981	472	489	423	464	500	462	465	472	441
1984	573	529	513	589	600	586	604	578	576
1985	589	558	533	638	643	632	626	616	608
1986	672	588	603	704	675	695	685	649	661
1987	704	618	636	774	717	767	750	681	719
1988	731	645	662	822	806	835	807	722	775

Note: Annual averages for 1988 are based on 9 months indices i.e. January.1988 to Sept.1988 only in respect of all India and all centres excepting Digboi, Amathi, Chikmagalur, Kolar Gold field, Alleppy, Coaiior and Sambalpur.

## PRICES

Table 161A-CONSUMER PRICE INDEX NUMBER FOR URBAN NON-MANUAL EMPLOYEES  
(General Indices)

(Base: 1960=100)

State	Centre	Weights	1961	1966	1971	1976	1981	1983	1984	1985	1986	1987
1	2	3	4	5	6	7	8	9	10	11	12	13
Andhra Pradesh...	1. Hyderabad-Secunderabad	1.39	103	143	178	277	429	495	541	577	633	680
	2. Kurnool	1.35	102	149	192	284	421	496	554	587	636	689
	3. Vijayawada	1.73	102	138	181	292	425	512	577	609	643	704
	4. Waltair-Visakhapatnam	1.62	102	139	180	272	381	435	507	532	556	582
Assam . . . . .	5. Guwahati	1.01	105	134	178	260	380	452	496	530	576	614
Bihar . . . . .	6. Patna	2.01	101	154	190	280	388	502	555	594	637	683
	7. Muzaffarpur	1.85	101	141	186	266	428	510	563	595	647	696
	8. Ranchi	1.81	104	153	182	280	416	498	531	581	631	680
Gujarat . . . . .	9. Ahmedabad	3.07	102	140	171	260	389	460	507	541	585	631
	10. Rajkot	3.11	104	135	173	262	415	488	527	561	592	635
Jammu & Kashmir..	11. Srinagar	0.31	105	140	190	291	437	487	531	582	632	680
	12. Jammu	0.24	104	136	174	272	415	477	512	549	594	651
Karnataka . . . . .	13. Bangalore	1.14	105	142	178	282	417	490	539	570	627	682
	14. Gulbarga	0.83	104	161	205	301	462	540	603	631	664	714
	15. Hubli-Dharwar	0.99	102	148	177	278	421	504	558	591	636	669
	16. Mangalore	1.27	104	152	178	283	423	524	583	609	646	682
Kerala.. . . .	17. Trivandrum	1.69	104	143	181	299	458	545	604	627	680	741
	18. Kozhikode	1.43	104	147	185	293	442	527	574	589	631	684
Madhya Pradesh ..	19. Bhopal	1.29	107	141	185	290	432	510	555	594	644	665
	20. Gwalior	1.28	107	147	193	305	437	516	553	593	633	674
	21. Indore	1.20	105	146	186	288	406	472	506	542	609	665
	22. Jabalpur	1.46	105	165	185	296	414	507	565	599	638	677
Maharashtra ..	23. Bombay	9.75	102	139	171	251	381	480	528	560	600	653
	24. Nagpur	3.02	102	143	172	271	391	470	520	554	583	607
	25. Poona	2.72	100	142	172	275	402	479	516	557	604	647
Meghalaya.. . . .	26. Shillong	0.91	103	130	174	265	388	500	535	615	666	680
Orissa.. . . .	27. Cuttack	0.48	105	151	180	267	387	492	519	556	606	638
	28. Sambalpur	0.49	103	147	181	260	382	475	512	541	588	620
Punjab, Haryana..	29. Chandigarh	2.38	104	139	181	280	396	460	496	526	558	603
Himachal Pradesh	30. Amritsar	1.51	104	148	193	296	414	470	500	527	557	593
	31. Shimla	2.69	103	133	177	258	376	438	475	511	536	571
Rajasthan.. . . .	32. Jaipur	1.16	104	145	185	307	447	526	563	601	670	732
	33. Ajmer	1.09	104	139	172	268	393	444	475	512	542	574
	34. Jodhpur	0.90	102	139	179	290	436	497	549	578	611	634
Tamil Nadu. . . . .	35. Madras	4.48	105	143	184	292	429	517	567	599	655	724
	36. Madurai	3.63	105	135	164	285	422	514	556	605	662	706
	37. Tiruchirapalli	3.42	105	146	182	282	422	509	578	602	655	708
Uttar Pradesh . . .	38. Lucknow	2.50	102	141	172	269	390	472	514	545	585	631
	39. Agra	2.50	101	143	177	276	433	508	546	581	617	666
	40. Allahabad	2.16	101	152	185	290	425	498	526	567	616	666
	41. Kanpur	2.19	101	143	181	278	410	482	519	553	596	639
	42. Meerut	2.16	101	143	186	280	406	462	495	527	555	627
West Bengal . . . .	43. Calcutta	10.20	101	135	173	247	360	410	445	469	520	564
	44. Kharagpur	2.75	102	141	184	278	395	490	521	567	623	654
Delhi . . . . .	45. New Delhi	4.83	104	139	178	272	386	457	499	539	587	632
All India . . . . .		100.00	103	142	178	273	403	480	524	558	602	647

Source: Central Statistical Organisation

@ Based on January 1987 to October, 1987.

## PRICES

Table 161B-CONSUMER PRICE INDEX NUMBER FOR URBAN NON-MANUAL EMPLOYEES  
(General Indices)

New Series

(Base: 1984-85=100)

State	Centre	Weights	1988	State	Centre	Weights	1988
1	2	3	4	5	6	7	8
Andhra Pradesh	01 Hyderabad	1.99	136	Manipur	33 Imphal	0.22	133
	02 Kurnool	1.30	141				
	03 Vijayawada	1.30	140		34 Shillong	0.22	144
	04 Visakhapatnam	1.60	137				
	05 Warangal	1.49	136		35 Kohima	0.13	145
Assam	06 Guwahati	0.95	130	Orissa	36 Cuttack	0.92	131
					37 Sambalpur	1.05	128
Bihar	07 Patna	1.28	132	Punjab	38 Amritsar	3.25	128
	08 Muzaffarpur	1.54	132				
	09 Ranchi	1.63	135				
Gujarat				Rajasthan	39 Jaipur	1.39	136
	10 Ahmedabad	1.68	130		40 Ajmer	1.29	140
	11 Bhavanagar	1.21	138		41 Jodhpur	1.30	139
	12 Rajkot	1.52	136	Sikkim	42 Gangtok	0.06	139
	13 Surat	1.55	134				
Haryana	14 Rohtak	1.66	136	Tamil Nadu	43 Madras	3.86	139
					44 Coimbatore	1.61	134
Himachal Pradesh	15 Shimla	0.40	133		45 Madurai	1.80	139
					46 Salem	1.43	132
Jammu & Kashmir	16 Srinagar	0.32	136		47 Tiruchirapalli	1.83	134
	17 Jammu	0.34	138	Tripura	48 Agartala	0.19	133
Karnataka	18 Bangalore	2.75	134				
	19 Gulbarga	1.08	134	Uttar Pradesh	49 Lucknow	1.53	132
	20 Hubli-Dharwar	1.24	138		50 Agra	1.29	131
	21 Mangalore	1.29	138		51 Allahabad	1.27	138
Kerala	22 Trivandrum	1.36	126		52 Kanpur	1.44	133
	23 Calicut	1.11	130		53 Meerut	1.36	127
Madhya Pradesh				West Bengal	54 Calcutta	6.92	132
	24 Bhopal	1.64	136		55 Asansol	1.06	128
	25 Gwalior	1.68	141		56 Kharagpur	1.11	131
	26 Indore	1.65	142		57 Siliguri	1.06	125
	27 Jabalpur	1.40	133	Chandigarh	58 Chandigarh	0.78	139
Maharashtra	28 Bombay	8.40	128				
	29 Aurangabad	2.46	133	Delhi	59 Delhi	6.56	132
	30 Nagpur	2.80	130				
	31 Pune	2.77	131	All India			
	32 Solapur	1.67	132			100.00	133

Source: Central Statistical Organisation



## PRICES

Table 162-CONSUMER PRICE INDEX NUMBER FOR AGRICULTURAL LABOURERS

Food Index

(Base: Agrl. year 1960-61=100)

State	Weights	1961-62	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88
1	2	3	4	5	6	7	8	9	10	11	12
Andhra Pradesh	9.62	101	142	176	308	377	461	480	488	505	560
Assam(1)	3.09	99	155	222	333	451	605	612	621	672	740
Bihar	13.08	103	191	222	329	466	619	573	605	645	754
Gujarat	2.27	102	142	183	313	384	489	503	558	568	647
Jammu & Kashmir	0.04	..	162	174	384	412	585	600	628	675	755
Karnataka	4.67	101	188	203	350	430	570	580	582	582	647
Kerala	2.35	106	161	240	419	412	654	652	654	731	776
Madhya Pradesh	5.50	104	169	219	389	490	594	611	669	656	738
Maharashtra	6.63	97	172	209	390	446	561	569	589	633	693
Orissa	4.00	103	173	232	433	487	674	641	656	677	795
Punjab(2)	2.80	106	146	211	334	486	563	621	666	656	750
Rajasthan	0.88	96	150	186	311	468	508	568	655	608	727
Tamil Nadu	6.93	..	150	183	368	425	580	548	575	616	680
Uttar Pradesh	9.59	..	178	194	305	504	570	583	641	636	769
West Bengal	6.67	105	183	222	328	429	571	556	602	649	693
All India	78.12	..	169	206	345	448	573	569	600	623	706

## General Index

State	Weights	1961-62	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88
1	2	3	4	5	6	7	8	9	10	11	12
Andhra Pradesh	12.30	101	137	171	291	353	436	455	465	484	537
Assam(1)	4.07	99	145	203	301	404	537	549	564	606	664
Bihar	15.86	103	179	206	306	428	564	529	559	594	691
Gujarat	2.88	102	136	173	290	356	451	468	518	530	597
Jammu & Kashmir	0.05	..	153	167	349	383	534	551	578	618	686
Karnataka	6.22	100	171	188	321	398	525	541	550	557	618
Kerala	3.21	106	150	214	366	379	585	595	601	665	706
Madhya Pradesh	7.12	103	156	198	346	433	526	543	593	585	653
Maharashtra	8.72	98	159	192	348	405	509	521	543	581	633
Orissa	4.97	102	162	212	385	441	601	579	596	616	718
Punjab(2)	3.86	104	138	194	308	437	514	565	604	602	683
Rajasthan	1.16	94	140	173	292	425	472	525	597	565	664
Tamil Nadu	9.15	..	143	174	334	391	528	512	537	575	637
Uttar Pradesh	12.07	..	165	183	288	457	525	540	593	593	705
West Bengal	8.36	105	170	206	305	400	525	520	563	607	650
All India	100.00	..	158	192	317	409	522	525	555	578	650

Source: Labour Bureau, Ministry of Labour

(1) Includes Manipur, Meghalaya and Tripura.

(2) Includes Delhi, Haryana and Himachal Pradesh.

## Notes:

(i) Annual figures relate to Agricultural year (July to June).

(ii) The indices for the year 1961-62 have been estimated from interim series on base: 1950-51=100 by applying appropriate conversion factors.

## PRICES

Table 163-INDEX NUMBER OF SECURITY PRICES-ALL INDIA

(Base: 1980-81=100)

Average of weeks ended Saturday	Weights	1981- 82	1982- 83	1983- 84	1984- 85	1985- 86	1986- 87	1987- 88	1988- 89
1	2	3	4	5	6	7	8	9	10
GOVERNMENT AND SEMI-GOVERNMENT									
SECURITIES	100.0	98.6	96.7	94.2	92.5	92.1	91.1	90.5	90.5
Government of India	80.3	98.2	95.9	92.8	90.8	90.5	89.3	88.6	88.6
State Governments	15.1	100.0	99.9	99.7	99.2	98.8	98.1	98.8	98.2
Semi-Government Institutions	4.6	99.9	99.8	99.7	99.3	99.1	99.1	98.8	97.6
INDUSTRIAL SECURITIES ORDINARY SHARES									
All Industries	100.0	118.9	110.4	125.3	136.0	221.7	230.6	207.3	247.5
Agriculture & Allied Activities*	3.8	92.9	92.6	140.9	206.2	324.2	336.7	407.6	472.8
Tea Plantations	3.3	92.9	92.9	148.8	223.1	359.1	373.6	456.3	533.1
Processing and manufacturing	87.7	120.6	112.9	126.5	134.6	222.8	232.4	203.3	243.0
Foodstuffs, Textiles, etc.	20.6	111.6	102.4	107.7	104.4	160.6	167.8	148.4	174.2
Foodstuffs	4.3	109.6	126.6	143.0	153.3	255.6	318.6	309.3	349.1
sugar	0.8	131.0	107.5	109.3	116.5	147.3	136.2	148.0	149.1
Tobacco	1.4	101.3	144.5	141.7	135.3	220.2	272.2	182.9	192.7
Textiles, etc*	16.3	112.1	96.1	98.4	91.5	135.7	128.2	106.1	128.3
Cotton Textiles	8.5	104.8	90.2	92.5	86.7	133.7	128.2	99.6	99.5
Jute Textiles	0.5	80.8	63.6	66.4	66.0	77.0	58.1	46.4	40.5
Silk, Woollen & Rayon Textiles	3.8	110.6	87.5	85.1	77.6	100.0	88.5	95.7	133.3
Metals, Chemicals and Products thereof	56.0	126.3	117.4	133.5	148.2	258.5	269.3	230.5	277.5
Metals and Products thereof*	30.5	141.2	127.4	138.9	145.1	245.6	243.0	216.7	273.2
Aluminium	1.9	115.5	99.3	123.5	139.5	221.2	230.2	267.9	384.4
Automobiles and auto ancillaries	6.8	167.1	148.1	160.0	172.0	287.6	266.8	240.3	308.3
Electrical/Electronic Machinery	7.8	117.9	107.4	115.4	113.7	160.2	141.1	138.0	159.4
Other Machinery	7.6	123.2	110.4	144.0	150.7	223.2	217.8	192.9	203.0
Foundries and Engineering workshop	1.8	146.8	126.3	119.2	113.5	159.9	154.5	165.7	213.2
Chemicals & Products thereof*	25.5	108.5	105.4	126.9	152.0	274.0	300.8	247.2	282.7
Chemical Fertilisers	5.3	108.5	106.2	138.8	183.5	371.3	381.1	284.6	318.2
Dyes and Dye-stuffs	1.4	85.3	77.4	83.0	81.5	105.9	84.9	96.9	99.7
Man-made fibres	5.1	125.9	119.3	141.0	146.3	257.2	227.0	147.6	202.2
Other Basic Industrial Chemicals	4.5	105.3	92.0	95.4	100.0	154.8	162.5	148.8	226.8
Medicines and Pharmaceuticals	2.7	77.4	81.9	94.8	107.9	212.7	250.4	199.9	218.8
Other Processing and Manufacturing*	11.0	108.5	109.6	126.7	121.4	157.5	165.5	167.8	195.6
Cement	2.2	127.0	190.1	234.2	205.7	237.7	192.9	160.2	175.9
Rubber and Rubber Products	2.2	108.1	90.0	103.3	97.1	163.5	247.7	331.5	449.5
Paper and Paper Products	3.9	112.2	93.6	106.0	111.5	135.6	130.6	95.1	93.6
Other Industries*	8.5	112.5	92.9	105.7	118.6	164.1	163.9	156.9	192.3
Electricity Generation & Supply	0.9	114.7	107.6	111.3	124.7	170.1	197.2	178.0	226.2
Trading	1.4	117.7	123.2	155.1	195.7	258.3	275.0	288.3	392.6
Shipping	2.0	129.6	66.1	71.2	58.2	85.8	56.1	43.1	85.2
Hotels	1.1	86.9	78.8	96.9	127.7	213.6	223.3	210.7	239.5
Financial and Investment	1.4	88.3	82.3	86.2	98.8	132.6	141.9	146.4	138.0

Source: Reserve Bank of India

\* Includes the sub-group others miscellaneous.

## PRICES

Table 164-SPOT PRICES OF GOLD AND SILVER AT BOMBAY

Year	Gold(1)			Silver(2)		
	Rs.per 10 grams			Rs.per killogram		
	Highest	Lowest	Average	Highest	Lowest	Average
1	2	3	4	5	6	7
1960-61 . . . . .	124.40	107.12	114.91	209.30	181.00	193.64
1965-66 . . . . .	85.00	70.50	77.78	406.00	281.00	314.62
1970-71 . . . . .	198.00	177.50	184.96	588.50	483.50	536.08
1975-76 . . . . .	574.00	511.00	544.99	1,425.00	1,001.00	1,169.36
1980-81 . . . . .	1,730.00	1,305.00	1,522.44	2,955.00	2,011.00	2,616.63
1984-85 . . . . .	2,140.00	1,875.00	1,983.92	3,995.00	3,295.00	3,593.59
1985-86 . . . . .	2,235.00	2,025.00	2,125.47	4,120.00	3,730.00	3,918.35
1986-87 . . . . .	2,655.00	2,080.00	2,323.49	4,923.00	3,881.00	4,247.10
1987-88 . . . . .	3,774.00	2,560.00	3,082.43	6,551.00	4,789.00	5,538.83
1988-89 . . . . .	3,340.00	3,030.00	3,175.22	6,889.00	5,845.00	6,366.76

Source: Reserve Bank of India

(1) Relate to Gold Bullion upto August 27, 1963, 14-Carat Gold upto November 9, 1966 and to Standard Gold from July 10, 1967.

(2) Prices of Silver relate to 996 fineness upto 1984-85 and 999 fineness thereafter.

## ***NATIONAL PRODUCT AND RELATED AGGREGATES***

The tables presented in this section give the estimates of gross, net national product at factor cost at current and constant(1980-81) prices. The methodology and estimation procedure are explained in National Accounts Statistics, Sources and Methods, April, 1980 supplemented by the 'National Accounts Statistics' 1989, published by the Central Statistical Organisation.

Central Statistical Organisation has issued a New Series on National Accounts statistics, by changing constant base year (1970-71) to the constant base year (1980-81) and the figures presented are based on the New Series. For further details, reference may be made to CSO publications entitled, "New Series on National Accounts Statistics with 1980-81 as base year", issued in February, 1988 and 'National Accounts Statistics', 1989.

Tables 165 and 166

The estimates of net and gross national product at current and at 1980-81 prices are shown in these tables.

Tables 167 and 168

The estimates of net domestic product at factor cost by industry of origin at current and at 1980-81 prices are given in tables 167 & 168 respectively.

Tables 169 and 170

The estimates of private final consumption expenditure in the domestic market at current and at 1980-81 prices are shown in these tables.

Table 171

The table presents estimates of saving by household sector, private corporate sector and public sector at current prices.

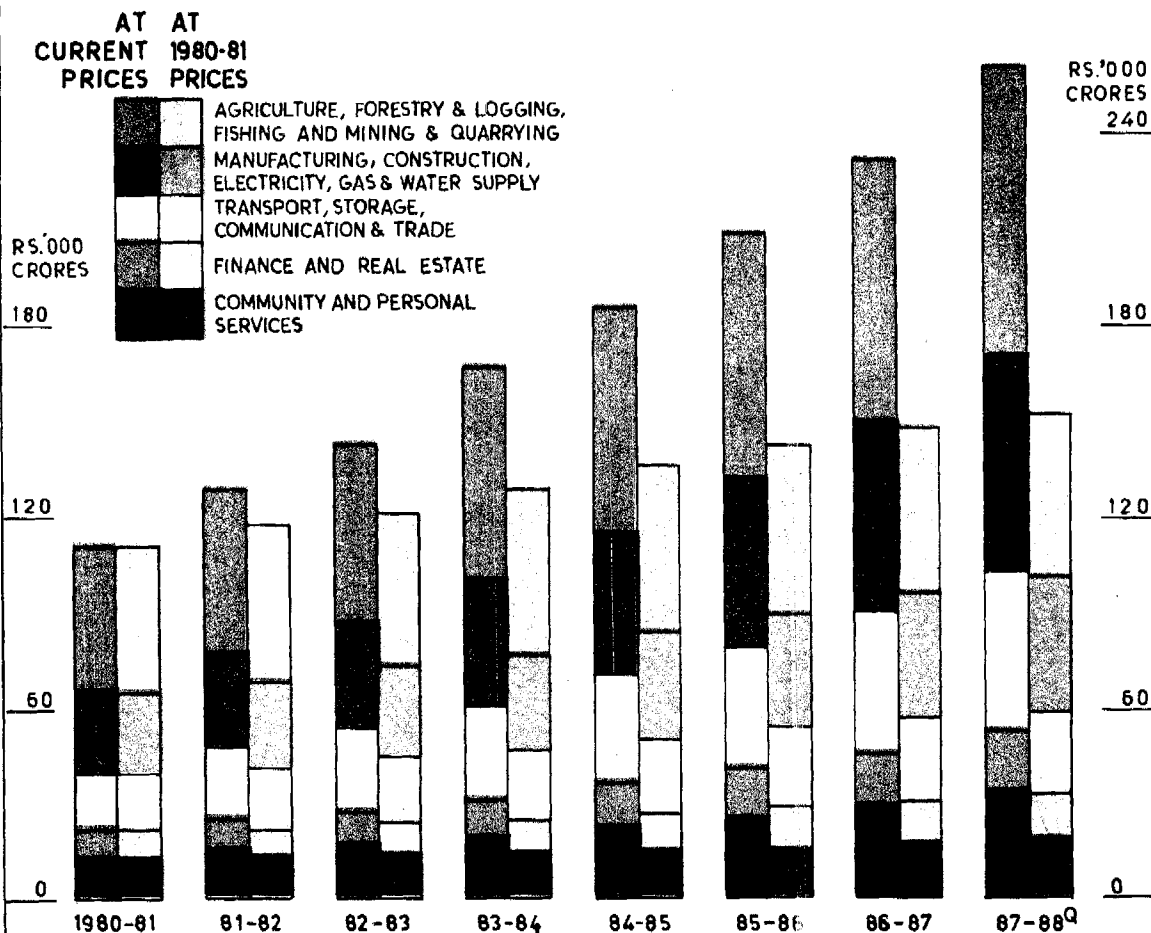
Table 172 and 173

These tables present estimates of capital formation by type of assets and by type of institutions at current prices and 1980-81 prices. These estimates are prepared by the commodity flow approach separately for construction, machinery & equipment and changes in stocks.

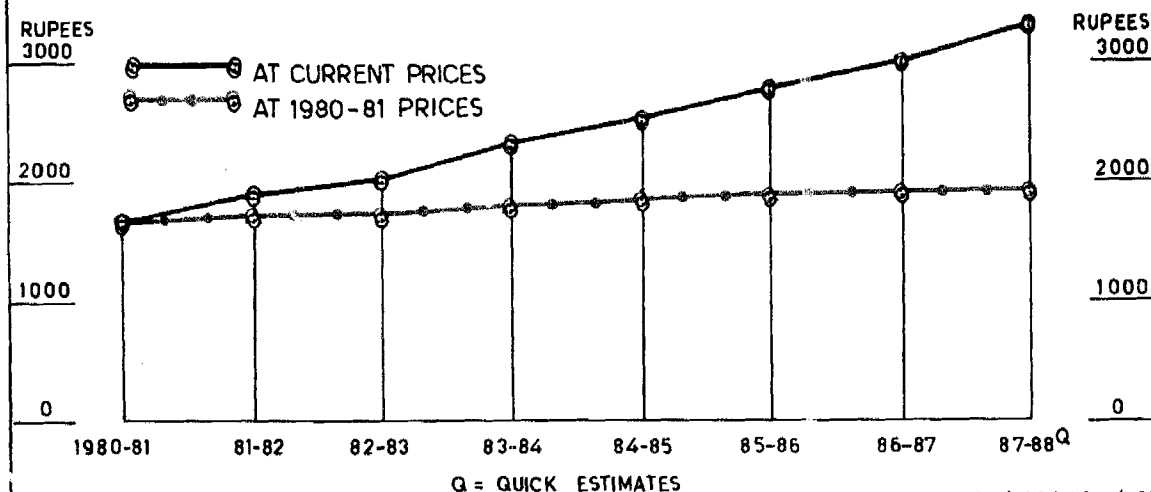
Table 174 and 175

These tables present the estimation of (i) gross domestic product, (ii) gross domestic saving at current prices, (iii) gross domestic capital formation, and (iv) final consumption expenditure for the public and private sectors and also indicate the percentage share of public sector in each of the aggregates.

# NET DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY OF ORIGIN



## PER CAPITA NET NATIONAL PRODUCT



## NATIONAL PRODUCT AND RELATED AGGREGATES

Table 165- NATIONAL PRODUCT AT FACTOR COST  
(at current prices)

Items	1970-71	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88 (Q)
1	2	3	4	5	6	7	8	9	10	11
Gross National Product (GNP) (Rs.crores)	39,424	70,946	122,571	142,916	158,217	184,871	206,357	232,634	258,875	291,501
Net National Product(NNP) (Rs.crores)	364	615	110,484	128,457	141,331	165,642	184,273	206,419	229,010	257,813
Estimated Population (crores)	54.1	60.7	67.9	69.4	70.9	72.4	73.9	75.5	77.0	78.5
Per Capita Net National Product (Rupees)	672	1,063	1,627	1,851	1,993	2,288	2,494	2,734	2,974	3,284
Index Number (1980-81=100)										
GNP	32.2	57.9	100.0	116.6	129.1	150.8	168.4	189.8	211.2	237.8
NNP	33	58	100.0	116.3	127.9	149.9	166.8	186.8	207.3	233.3
Per Capita NNP	41	65	100.0	113.8	122.5	140.6	153.2	168.0	182.8	201.8

Source: Central Statistical Organisation

Q: Quick estimates.

Table 166- NATIONAL PRODUCT AT FACTOR COST  
(at 1980-81 prices)

Items	1970-71	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88 (Q)
1	2	3	4	5	6	7	8	9	10	11
Gross National Product (GNP) (Rs.crores)	89,465	104,660	122,571	129,815	133,214	143,813	149,365	156,915	162,187	168,919
Net National Product(NNP) (Rs.crores)	882	954	110,484	117,027	119,619	129,344	133,972	140,647	145,675	150,573
Estimated Population (crores)	54.1	60.7	67.9	69.4	70.9	72.4	73.9	75.5	77.0	78.5
Per Capita Net National Product (Rupees)	1,520	1,572	1,627	1,686	1,687	1,787	1,813	1,863	1,892	1,918
Index Number (1980-81=100)										
GNP	73.0	85.4	100.0	105.9	108.7	117.3	121.9	128.1	133.0	137.8
NNP	74.0	86.0	100.0	105.9	108.3	117.1	121.3	127.3	131.9	136.3
Per Capita NNP	93.0	97.0	100.0	103.6	103.7	109.8	111.4	114.5	116.3	117.9

Source: Central Statistical Organisation

Q: Quick estimates.

## NATIONAL PRODUCT AND RELATED AGGREGATES

Table 167-NET DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY OF ORIGIN  
(at current prices)

(Rs.crores)

Industry	1970-71	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88 (Q)
1	2	3	4	5	6	7	8	9	10	11
1 Agriculture, forestry & fishing	162,261	27,513	43,921	49,419	52,251	62,911	66,934	71,614	76,244	83,618
1.1 Agriculture	161,190	25,404	40,056	44,971	47,376	57,729	61,210	65,348	69,459	76,010
1.2 Forestry & logging	864	1,607	3,059	3,586	3,873	3,938	4,201	4,491	4,727	5,072
1.3 Fishing	207	502	806	862	1,002	1,244	1,523	1,775	2,058	2,536
2 Mining & quarrying	318	722	1,474	3,020	3,692	4,363	5,141	5,266	6,114	6,169
3 Manufacturing	5,219	10,208	18,698	21,743	24,100	28,553	32,210	37,608	42,352	48,696
3.1 Registered	2,784	5,310	10,050	11,779	13,629	17,019	19,672	23,444	26,596	30,417
3.2 Un-registered	2,435	4,898	8,648	9,964	10,471	11,534	12,538	14,164	15,756	18,279
4 Electricity, gas and water supply	216	328	831	912	1,051	1,417	1,808	2,404	2,584	2,549
5 Construction	1,844	3,095	5,771	6,575	7,598	8,878	10,367	12,056	13,893	16,146
6 Trade, hotels & restaurants	3,438	7,791	14,322	17,563	19,423	22,009	25,142	28,664	31,964	35,553
6.1 Trade	3,241	7,380	13,555	16,636	18,387	20,822	23,759	27,127	30,264	33,685
6.2 Hotels & restaurants	197	411	767	927	1,036	1,187	1,383	1,537	1,700	1,868
7 Transport, Storage and Communication	1,115	2,111	3,724	4,651	5,853	7,274	8,399	9,796	11,517	13,814
7.1 Railways	288	497	559	930	1,281	1,493	1,416	1,890	2,427	2,881
7.2 Transport by other means	599	1,246	2,438	2,884	3,562	4,594	5,672	6,498	7,348	8,486
7.3 Storage	27	51	114	136	146	169	195	230	254	303
7.4 Communication	201	317	613	701	864	1,018	1,116	1,178	1,488	2,144
8 Financing, insurance real estate & business services	3,569	5,974	9,314	10,709	11,962	12,819	14,561	16,134	17,751	19,979
8.1 Banking and insurance	642	1,744	3,394	4,488	5,327	5,773	6,868	7,789	8,902	10,237
8.2 Real estate, ownership of dwellings & business services	2,927	4,230	5,920	6,221	6,635	7,046	7,693	8,345	8,849	9,742
9 Community, social & Personal Services	3,666	7,044	12,064	13,825	16,035	18,362	21,135	24,306	28,396	33,094
9.1 Public administration and defence	1,635	3,237	5,307	6,070	7,232	8,384	9,814	11,247	13,603	16,225
9.2 Other services	2,031	3,807	6,777	7,755	8,803	9,978	11,321	13,059	14,793	16,869
10 Net domestic Product at factor cost	181,646	64,786	110,139	128,417	141,965	166,586	185,697	207,848	230,815	259,618

Source: Central Statistical Organisation

Q - Quick estimates.

## NATIONAL PRODUCT AND RELATED AGGREGATES

Table 168-NET DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY OF ORIGIN  
(at 1980-81 prices)

(Rs.crores)

Industry	1970-71	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88 (Q)
1	2	3	4	5	6	7	8	9	10	11
1 Agriculture, forestry & fishing	38,711	42,753	43,921	46,480	45,579	50,596	50,528	50,600	49,326	48,770
1.1 Agriculture	34,545	37,953	40,056	42,643	41,957	46,988	46,883	46,907	45,831	45,312
1.2 Forestry & logging	3,547	3,996	3,059	3,022	2,813	2,613	2,571	2,623	2,362	2,304
1.3 Fishing	619	804	806	815	809	995	1,074	1,070	1,133	1,154
2 Mining & quarrying	1,027	1,293	1,474	1,669	1,790	1,976	2,127	2,159	2,380	2,409
3 Manufacturing	12,763	14,844	18,698	20,259	21,660	23,914	25,507	27,974	30,672	32,983
3.1 Registered	6,946	7,677	10,050	10,876	12,079	14,047	15,310	16,994	18,694	20,297
3.2 Un-registered	5,817	7,167	8,648	9,383	9,581	9,867	10,197	10,980	11,978	12,686
4 Electricity, gas and water supply	567	746	831	901	917	1,063	1,247	1,368	1,525	1,618
5 Construction	4,271	4,537	5,771	6,072	5,736	6,131	6,279	6,587	6,762	6,954
6 Trade, hotels & restaurants	9,556	11,585	14,322	15,252	16,097	16,931	17,616	18,841	19,625	20,360
6.1 Trade	9,015	10,970	13,555	14,440	15,213	16,012	16,661	17,822	18,571	19,267
6.2 Hotels & restaurants	541	615	767	812	884	919	955	1,019	1,054	1,093
7 Transport, Storage and Communication	1,946	2,786	3,724	4,102	4,425	4,745	5,102	5,688	6,038	6,350
7.1 Railways	400	503	559	632	636	612	615	732	811	854
7.2 Transport by other means	1,160	1,749	2,438	2,686	2,972	3,271	3,546	3,998	4,206	4,419
7.3 Storage	48	74	114	123	125	130	143	154	166	182
7.4 Communication	338	440	613	661	692	732	798	804	855	895
8 Financing, insurance real estate & business services	6,096	7,369	9,314	9,776	10,585	11,095	11,837	12,629	13,616	14,280
8.1 Banking and insurance	1,183	2,270	3,394	3,652	4,245	4,427	4,915	5,442	6,151	6,525
8.2 Real estate, ownership of dwellings & business services	4,313	5,099	5,920	6,124	6,340	6,668	6,922	7,187	7,465	7,755
9 Community, social & Personal Services	8,235	9,848	12,084	12,477	13,446	13,897	14,906	16,002	17,175	18,293
9.1 Public administration and defence	3,179	3,991	5,307	5,396	5,967	6,147	6,763	7,275	8,092	8,842
9.2 Other services	5,056	5,857	6,777	7,081	7,479	7,750	8,143	8,727	9,083	9,451
10 Net domestic Product at factor cost	83,172	95,741	110,139	116,988	120,235	130,348	135,149	141,848	147,119	152,017

Source: Central Statistical Organisation

Q Quick estimates.



## NATIONAL PRODUCT AND RELATED AGGREGATES

Table 169-PRIVATE FINAL CONSUMPTION EXPENDITURE IN DOMESTIC MARKET  
(at current prices)

(Rs.crores)

Items	1970-71	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88 (Q)
1	2	3	4	5	6	7	8	9	10	11
1 Food, beverages and tobacco	20,628	35,674	58,345	66,953	71,717	85,325	94,185	101,037	111,508	123,382
2 Clothing and footwear	2,798	5,701	11,141	12,059	13,600	15,767	17,347	19,375	22,967	25,517
3 Gross rent, fuel and power	4,652	7,463	12,291	13,822	15,453	16,738	18,662	20,616	22,690	24,981
4 Furniture, furnishing appliances & services	844	1,686	2,776	3,304	3,856	4,359	4,631	5,125	6,087	6,739
5 Medical care & medical services	618	1,386	2,970	3,453	4,014	4,666	4,829	5,089	5,362	5,650
6 Transport and communications	1,052	2,432	5,107	6,378	7,680	9,645	11,299	13,279	15,546	18,341
7 Recreation, education and other services	972	1,708	2,997	3,393	3,870	4,305	4,905	5,244	5,941	6,486
8 Misc. goods & services	981	1,772	3,456	4,094	4,501	4,991	5,753	6,585	8,391	9,961
9 Per capita private final consumption expenditure (Rs.)	..	..	1,459	1,635	1,759	2,069	2,187	2,336	2,578	2,816

Source: Central Statistical Organisation

(Q) Quick estimates.

Table 170-PRIVATE FINAL CONSUMPTION EXPENDITURE IN DOMESTIC MARKET  
(at 1980-81 prices)

(Rs.crores)

Items	1970-71	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88 (Q)
1	2	3	4	5	6	7	8	9	10	11
1 Food, beverages and tobacco	44,800	48,221	58,345	60,832	61,224	65,966	67,918	69,487	71,240	73,006
2 Clothing and footwear	6,288	8,247	11,141	11,467	12,579	13,668	13,768	14,558	16,221	16,875
3 Gross rent, fuel and power	9,194	10,430	12,291	12,649	12,907	13,405	13,914	14,434	14,952	15,547
4 Furniture, furnishing appliances & services	2,200	2,572	2,776	3,078	3,449	3,841	3,919	4,147	4,732	4,964
5 Medical care & medical services	1,704	2,054	2,970	3,036	3,102	3,168	3,234	3,303	3,373	3,445
6 Transport and communications	2,635	3,447	5,407	5,620	6,061	6,972	7,631	8,190	8,867	9,807
7 Recreation, education and other services	2,383	2,665	2,997	3,064	3,237	3,385	3,593	3,666	3,981	4,222
8 Misc. goods & services	2,318	2,427	3,456	3,828	4,045	4,128	4,329	4,703	5,755	6,267
9 Per capita private final consumption expenditure (Rs.)	..	..	1,459	1,492	1,504	1,582	1,601	1,622	1,677	1,709

Source: Central Statistical Organisation

(Q) Quick estimates.

## NATIONAL PRODUCT AND RELATED AGGREGATES

Table 171-DOMESTIC SAVING  
(at current prices)

(Rs. crores)

Items	1970-71	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1988-89 (Q)
1	2	3	4	5	6	7	8	9	10	11
1. Household sector	4,873	10,534	21,835	23,918	23,940	31,088	34,677	41,143	50,484	54,773
1.1 Financial saving	1,371	3,918	8,597	9,804	12,792	13,283	18,105	18,458	24,042	24,399
1.1.1 Currency	345	321	1,625	955	2,017	2,784	2,938	2,220	3,065	4,888
1.1.2 Net deposits	265	1,131	2,970	3,001	4,824	3,730	5,879	5,222	8,839	5,784
1.1.3 Shares and debentures	94	115	445	724	805	606	1,142	1,775	2,118	2,260
1.1.4 Net claims on government	-12	742	576	1,656	1,134	1,806	2,919	3,335	2,836	2,857
1.1.5 Life insurance funds	189	385	859	982	1,149	1,296	1,465	1,706	2,026	2,416
1.1.6 Provident and pension funds	490	1,224	2,122	2,486	2,863	3,054	3,762	4,200	5,158	6,194
1.2 Saving in physical assets	3,502	6,616	13,238	14,114	11,148	17,803	16,572	22,685	26,442	30,374
2. Private corporate sector	657	1,055	2,284	2,496	2,908	3,172	3,991	5,415	4,924	5,684
2.1 Joint Stock Companies	604	955	2,093	2,306	2,677	2,960	3,770	5,170	4,654	5,419
2.1.1 Non-Financial	589	928	2,063	2,258	2,605	2,855	3,647	5,020	4,487	5,230
2.1.2 Financial	15	27	30	48	72	105	123	150	167	189
2.2 Co-operative banks and societies	53	100	191	190	231	212	221	245	270	265
3. Public sector	1,253	3,339	4,654	7,254	7,822	6,781	6,533	8,592	8,018	6,193
3.1 Public authorities	857	2,449	2,804	4,101	3,520	1,879	417	945	-1,028	-4,231
3.1.1 Government administration	..	..	2,559	3,767	2,896	1,201	-315	-474	-2,501	-6,072
3.1.2 Departmental commercial enterprises	..	..	245	334	624	678	732	1,419	1,473	1,841
3.2 Non-departmental enterprises	396	890	1,850	3,153	4,302	4,902	6,116	7,647	9,046	10,424
3.2.1 Government companies	153	221	550	880	1,056	906	1,571	1,923	2,178	..
3.2.2 Statutory corporations (including port trust)	243	669	1,300	2,273	3,246	3,996	4,545	5,724	6,868	..
Gross domestic saving	6,783	14,928	28,773	33,668	34,670	41,041	45,201	55,150	63,426	66,650

Source: Central Statistical Organisation

(Q) Quick estimates.

## NATIONAL PRODUCT AND RELATED AGGREGATES

Table 172- CAPITAL FORMATION BY TYPE OF ASSETS AND BY TYPE OF INSTITUTIONS

(at current prices)

(Rs. crores)

Items	1970-71	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88 (Q)
1	2	3	4	5	6	7	8	9	10	11
1 Gross capital formation	7,379	16,406	31,016	41,036	41,704	46,946	53,241	68,010	71,408	74,405
1.1 Public sector	2,808	7,583	14,000	17,735	20,449	22,026	26,399	30,697	35,255	35,786
1.2 Private corporate sector	1,030	2,139	3,778	9,187	10,107	7,117	10,270	14,628	9,711	8,245
1.3 Household sector	3,541	6,684	13,238	14,114	11,148	17,803	16,572	22,685	26,442	30,374
2 Gross fixed capital formation	6,305	13,330	26,276	31,455	35,769	39,991	45,257	55,005	63,461	70,254
2.1 Public sector	2,394	5,600	11,683	14,598	18,586	20,450	23,399	27,537	32,992	34,319
2.1.1 Construction	1,547	2,872	6,900	8,409	9,822	11,262	12,557	15,274	18,482	20,223
2.1.2 Machinery and equipment	847	2,728	4,793	6,189	8,764	9,188	10,842	12,263	14,510	14,096
2.2 Private corporate sector	620	1,763	3,541	5,828	7,394	6,732	8,190	10,061	7,745	7,297
2.2.1 Construction	105	226	508	894	995	1,055	1,235	1,503	1,176	1,109
2.2.2 Machinery and equipment	515	1,537	3,033	4,934	6,399	5,677	6,955	8,558	6,569	6,188
2.3 Household sector	3,291	5,967	11,042	11,029	9,789	12,809	13,668	17,407	22,724	28,638
2.3.1 Construction	2,308	4,242	6,241	7,097	7,510	7,332	8,762	10,257	10,089	12,334
2.3.2 Machinery and equipment	983	1,725	4,801	3,932	2,279	5,477	4,906	7,150	12,635	16,304
3 Change in stocks	1,074	3,076	4,740	9,581	5,935	6,955	7,984	13,005	7,947	4,151
3.1 Public sector	414	1,983	2,307	3,137	1,863	1,576	3,000	3,160	2,263	1,467
3.2 Private corporate sector	410	376	237	3,359	2,713	385	2,080	4,567	1,966	948
3.3 Household sector	250	717	2,196	3,085	1,359	4,994	2,904	5,278	3,718	1,736
4 Less consumption of fixed capital	3,062	6,415	12,087	14,459	16,886	19,229	22,084	26,215	29,865	33,688
4.1 Public sector	1,120	2,465	4,895	5,858	6,980	8,056	9,416	11,404	13,103	14,907
4.2 Private corporate sector	457	1,039	1,700	2,001	2,340	2,782	3,196	3,948	4,438	4,901
4.3 Household sector	1,485	2,911	5,492	6,600	7,566	8,391	9,472	10,863	12,324	13,880
5 Net capital formation	4,317	9,991	18,929	26,577	24,818	27,717	31,157	41,795	41,543	40,717
5.1 Public sector	1,688	5,118	9,105	11,877	13,469	13,970	16,983	19,293	22,152	20,879
5.2 Private corporate sector	573	1,100	2,078	7,186	7,767	4,335	7,074	10,680	5,273	3,344
5.3 Household sector	2,056	3,773	7,746	7,514	3,582	9,412	7,100	11,822	14,118	16,494
6 Errors & omissions	-202	-1,595	-149	-4,757	-4,468	-3,388	-4,748	-6,626	-2,887	-13,115
7 Net capital formation adjusted for errors and omissions	4,115	8,396	18,780	21,820	20,350	24,329	26,409	35,169	38,656	39,402
8 Gross capital formation adjusted for errors and omissions	7,177	14,811	30,867	36,279	37,236	43,558	48,493	61,384	68,521	73,090

Source: Central Statistical Organisation

(Q) Quick estimates.

## NATIONAL PRODUCT AND RELATED AGGREGATES

Table 173- CAPITAL FORMATION BY TYPE OF ASSETS AND BY TYPE OF INSTITUTIONS

(at 1980-81 prices)

(Rs. crores)

Items	1970-71	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88 (Q)
1	2	3	4	5	6	7	8	9	10	11
1 Gross capital formation	19,461	24,384	31,016	36,672	34,377	35,191	36,670	42,916	41,936	40,894
1.1 Public sector	..	..	14,000	15,903	16,761	16,740	18,537	19,114	20,417	19,157
1.2 Private corporate sector	..	..	3,788	8,561	9,130	5,695	7,859	10,526	6,375	5,091
1.3 Household sector	..	..	13,238	12,208	8,486	12,766	10,274	13,276	15,144	16,646
2 Gross fixed capital formation	16,673	19,593	26,276	28,079	29,296	29,632	30,809	33,904	36,713	38,430
2.1 Public sector	..	..	11,693	13,152	15,247	15,551	16,425	17,091	19,032	18,323
2.1.1 Construction	..	..	6,900	7,522	7,666	7,984	7,901	8,366	9,256	9,212
2.1.2 Machinery and equipment	..	..	4,793	5,630	7,581	7,567	8,524	8,725	9,776	9,111
2.2 Private corporate sector	..	..	3,541	5,368	6,566	5,360	6,184	7,097	4,968	4,456
2.2.1 Construction	..	..	508	755	706	669	700	806	548	477
2.2.2 Machinery and equipment	..	..	3,033	4,613	5,860	4,691	5,484	6,291	4,420	3,979
2.3 Household sector	..	..	11,042	9,559	7,483	8,721	8,200	9,716	12,713	15,651
2.3.1 Construction	..	..	6,241	5,592	4,636	3,911	4,250	4,805	4,016	4,673
2.3.2 Machinery and equipment	..	..	4,801	3,967	2,847	4,810	3,950	4,911	8,697	10,978
3 Change in stocks	2,788	4,791	4,740	8,593	5,081	5,559	5,861	9,012	5,223	2,464
3.1 Public sector	..	..	2,307	2,751	1,514	1,179	2,112	2,023	1,385	834
3.2 Private corporate sector	..	..	237	3,193	2,564	335	1,675	3,429	1,407	635
3.3 Household sector	..	..	2,196	2,649	1,003	4,045	2,074	3,560	2,431	995
4 Less consumption of fixed capital	7,254	9,227	12,087	12,788	13,595	14,469	15,393	16,328	17,322	18,346
4.1 Public sector	..	..	4,895	5,256	5,731	6,210	6,723	7,224	7,784	8,308
4.2 Private corporate sector	..	..	1,700	1,854	2,093	2,243	2,445	2,721	2,892	3,042
4.3 Household sector	..	..	5,492	5,678	5,771	6,016	6,225	6,383	6,646	6,996
5 Net capital formation	10,207	15,157	18,929	23,884	20,782	20,722	21,277	26,588	24,614	22,548
5.1 Public sector	..	..	9,105	10,647	11,030	10,520	11,814	11,890	12,633	10,849
5.2 Private corporate sector	..	..	2,078	6,707	7,037	3,452	5,414	7,805	3,483	2,049
5.3 Household sector	..	..	7,746	6,530	2,715	6,750	4,049	6,893	8,498	9,650
6 Errors & omissions	-533	-2,370	-149	-4,251	-3,683	-2,540	-3,270	-4,181	-1,695	-723
7 Net capital formation adjusted for errors and omissions	11,674	12,787	18,780	19,633	17,099	18,182	18,007	22,407	22,919	21,825
8 Gross capital formation adjusted for errors and omissions	18,928	21,014	30,867	32,421	30,694	32,651	33,400	38,735	40,241	40,171

Source: Central Statistical Organisation

(Q) Quick estimates.

## NATIONAL PRODUCT AND RELATED AGGREGATES

Table 174—PERFORMANCE OF PUBLIC SECTOR  
(at current prices)

(Rs.crores)

Items	1970-71	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88 (Q)
1	2	3	4	5	6	7	8	9	10	11
1 Gross domestic product	39,708	71,201	122,226	142,876	158,851	185,815	207,781	234,063	260,680	293,306
1.1 Public	5,494	12,250	24,171	29,857	36,240	42,241	49,140	58,079	68,821	79,894
1.2 Private	34,214	58,951	98,055	113,019	122,611	143,574	158,641	175,984	191,859	213,412
2 Gross domestic saving	6,783	14,928	28,773	33,668	34,670	41,041	45,201	55,150	63,426	66,650
2.1 Public	1,253	3,339	4,654	7,254	7,822	6,781	6,533	8,592	8,018	6,193
2.2 Private	5,530	11,589	24,119	26,414	26,848	34,260	38,668	46,558	55,408	60,457
3 Gross domestic capital formation un-adjusted	7,379	16,406	31,016	41,036	41,704	46,946	53,241	68,010	71,408	74,405
3.1 Public	2,808	7,583	14,000	17,735	20,449	22,026	26,399	30,697	35,255	35,786
3.2 Private	4,571	8,823	17,016	23,301	21,255	24,920	26,842	37,313	36,153	38,619
4 Final consumption expenditure	36,383	65,203	112,167	128,811	142,963	166,937	185,963	205,524	233,562	262,384
4.1 Public	3,838	7,381	13,084	15,355	18,272	21,141	24,352	29,174	35,070	41,327
4.2 Private	32,545	57,822	99,083	113,456	124,691	145,796	161,611	176,350	198,492	221,057
Percentage share of Public sector										
1 Gross Domestic Product	13.8	17.2	19.8	20.9	22.8	22.7	23.6	24.8	26.4	27.2
2 Gross Domestic Saving	18.5	22.4	16.2	21.5	22.6	16.5	14.5	15.6	12.6	9.3
3 Gross Domestic Capital formation	38.1	46.2	45.1	43.2	49.0	46.9	49.6	45.1	49.4	48.1
4 Final consumption expenditure	10.5	11.3	11.7	11.9	12.8	12.7	13.1	14.2	15.0	15.8

Source: Central Statistical Organisation

(Q) Quick estimates.

## NATIONAL PRODUCT AND RELATED AGGREGATES

Table 175—PERFORMANCE OF PUBLIC SECTOR  
(at 1980-81 prices)

(Rs. crores)

Items	1970-71	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9	10
1 Gross domestic product	90,426	104,968	122,226	129,776	133,830	144,817	150,542	158,176	164,441
1.1 Public	12,469	17,235	24,171	25,087	27,763	29,654	31,904	34,960	38,590
1.2 Private	77,957	87,733	98,055	104,689	106,067	115,163	118,638	123,216	125,851
2 Gross domestic saving	..	..	..	..	..	..	..	..	..
3 Gross domestic capital formation un-adjusted	19,461	24,384	31,016	36,672	34,377	35,191	36,670	42,916	41,936
3.1 Public	..	..	14,000	15,903	16,761	16,730	18,537	19,114	20,417
3.2 Private	..	..	17,016	20,769	17,616	18,461	18,133	23,802	21,519
4 Final consumption expenditure	80,014	80,014	80,014	80,014	80,014	80,014	80,014	80,014	80,014
4.1 Public	8,492	9,799	13,084	13,663	15,075	15,718	16,941	18,868	21,058
4.2 Private	71,522	80,063	99,083	103,574	106,604	114,533	118,306	122,488	129,121
Percentage of share of Public sector									
1 Gross Domestic Product	13.8	16.4	19.8	19.3	20.7	20.5	21.2	22.1	23.5
2 Gross Domestic Saving	..	..	..	..	..	..	..	..	..
3 Gross Domestic Capital formation	..	..	45.1	43.4	48.4	47.5	50.6	44.5	48.7
4 Final consumption expenditure	10.6	10.9	11.7	11.7	12.4	12.1	12.5	13.3	14.0

Source: Central Statistical Organisation

(Q) Quick estimates.

## *NATIONAL FINANCE*

The tables in this section show the budgetary position of Central Government and State Governments and economic classification of the Central Government Budget.

Tables 176 to 179

These tables respectively show the Revenue and Capital receipts and expenditure of the Central Government and State Governments. Since the data presented in these tables are in conformity with the revised classification of the various heads, they are not comparable with those presented in earlier issues of the Statistical Abstract.

Table 180

This table gives a summary statement of the revenue and the expenditure on revenue account of Central and State Governments. Revenue comprises proceeds from taxation and other receipt classed as revenue, excluding borrowings, small savings, foreign aid, etc. The expenditure met from the revenue is treated as expenditure charged to revenue. The net result of above transactions represents the surplus or the deficit for the year on revenue account. The table presents data for the Central Government and those States which correspond to the reorganized set up.

Table 181 to 183

Detailed figures of receipts and expenditure respectively on collection of customs, union excise duty, corporation tax and taxes on income tax other than corporation tax have been published (in the previous issues of Statistical Abstract) for the period upto 1975-76. These detailed data were being supplied by the office of the Comptroller & Auditor General of India. Consequent upon the Departmentalisation of Accounts, compilation of the above data was discontinued with effect from 1976-77. As a result these tables could not be updated with the data for 1976-77 and onwards. Departmentalisation of Accounts also necessitated revision in the system of classification and presentation of data on the subject. In view of this, the revised tables 181 to 183 have been included presenting data on annual basis for 1975-76 and onwards as available after Departmentalisation of Accounts from the Central Excise & Customs and Central Board of Direct Taxes.

Table 184

Ever since 1957-58 an economic classification of the Central budget is being prepared by Economic Division of the Ministry of Finance. The system of Accounts given in this table analyses various aspects of the Central Government's transactions vis-a-vis rest of the economy. Some of the significant magnitudes emerging from the analysis are:

- (a) the Central Government's total expenditure;
- (b) the Central Government's final outlays;
- (c) Capital formation out of the budgetary resources of the Central Government;
- (d) Net Capital formation and savings of the Central Government;
- (e) the various measures of deficit in the Central Government's budgetary transactions; and
- (f) Income generation by the Central Government.

The symbols used in this chapter are:

R.E.- Revised Estimates  
B.E.- Budget Estimates

## NATIONAL FINANCE

Table 176-OVERALL BUDGETARY POSITION OF THE GOVERNMENT OF INDIA

(Rs. crores)

Items	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88 (R.E.)	1988-89* (B.E.)
1	2	3	4	5	6	7	8	9	10	11
<b>I. Revenue Account</b>										
A. Revenue	2,344.4	3,341.9	8,075.4	12,828.6	20,492.6	24,383.7	29,206.9	34,768.0	40,208.0	44,994.0 (44,358)
B. Expenditure	2,024.6	3,178.9	7,188.5	14,543.6	22,890.2	27,881.2	34,771.8	42,544.0	48,705.0	54,836.0
C. Surplus(+) or Deficit(-)	+319.8	+163.0	+886.9	-1,715.0	-2,397.6	-3,497.5	-5,564.9	-7,776.0	-8,497.0	-9,842.0 (10,478)
<b>II. Capital Account</b>										
A. Receipts	1,403.2	2,046.4	4,148.9	8,771.0	15,861.0	17,768.3	18,763.0	18,529.0	21,959.0	23,278.0
(1)(2)				(a)(b)						
B. Disbursements	1,895.8	2,494.2	5,401.8	9,633.3	14,880.6	18,015.9	16,135.0	19,014.0	19,542.0	20,920.0
				(b)	(c)		(d)			
C. Surplus(+) or Deficit(-)	-492.6	-447.8	-1,252.9	-862.3	+980.4	-247.6	+628.0	-485.0	+2,147.0	+2,358.0 (d)
<b>III. Overall</b>										
Surplus(+) or Deficit(-) (IC+IIC)	-172.8	-284.8	-366.0	-2,577.3	-1,417.2	-3,745.1	-4,936.9	-8,261.0	-6,080.0	-7,484.0 (-8,120)
					(c)		(d)			
A. Increase(-) or Decrease(+) in Treasury Bills (3)	-218.3	-359.1	-845.6	-2,754.6	+1,674.7	-3,695.8	-6,562.0	-8,862.0	-5,425.0	-7,484.0 (e)
					(e)		(e)			
B. Decrease(-) or Increase(+) in cash Balance	+45.5	+74.3	+479.6	+177.3	-3,491.9	-49.3	-2.9	+601.0	-655.0	-
(i) Opening Balance	-2.0	+156.0	+317.4	+560.4	+4,028.3	+537.2	+487.9	+106.0	+707.0	+51.0
(ii) Closing Balance	+43.5	+230.3	+797.0	+737.7	+536.4	+487.9	+485.0	+707.0	+52.0	+51.0

Source: Reserve Bank of India

(1) Excluding Treasury bill receipts.

(2) Excludes conversion of ad-hoc treasury bills of Rs.50 crores in 1965-66, Rs.75 crores in 1970-71, Rs.100 crores each in 1975-76 and 1980-81 into dated securities.

(3) Mostly sold to Reserve Bank of India.

(a) Including accounting adjustments relating to write off of Rs.938.3 crores of loans advanced to State Governments prior to 1979-80 in pursuance of the recommendations of the Seventh Finance Commission.

(b) Includes notional expenditure/receipt of Rs.588.2 crores on account of subscription payable to International Monetary Fund in the form of securities and special drawing rights.

(c) Excludes Rs.400 crores of loans to State Governments to clear their over drafts as on March 31, 1983.

(d) Excludes Rs.1,628 crores of medium-term loans to State Governments to clear their overdrafts.

(e) Total of financing items will not add up to overall deficit vide footnotes (c),(d) and (e) in respect of the years 1983-84 and 1985-86.

\* Including effects of budget proposals post budget tax concessions are not adjusted.

Note: I. The data from 1975-76 onwards given in Tables 176 and 177 are not strictly comparable with those for earlier years due to changes in budgetary classification.

II. Figures in brackets exclude the effects of budget proposals.



## NATIONAL FINANCE

Table 177-BUDGETARY POSITION OF THE GOVERNMENT OF INDIA  
A-Revenue Account

(Rs. crores)

Items	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88 (R.E)	1988-89* (B.E)
1	2	3	4	5	6	7	8	9	10	11
REVENUE										
I. Taxes on income and expenditure [1+2+3+4]	454	485	1,400	1,905	3,198	3,423	3,612	3,878	4,431	5,036
Taxes on income other than corporation tax	272	473	1,214	1,506	1,699	1,928	2,509	2,878	3,350	(4,883)
Less: States' Share	123	359	734	1,002	1,172	1,232	1,846	2,159	2,589	3,660
1. Net Receipts	149	114	480	504	528	696	663	717	761	(3,650)
2. Corporation tax	305	371	862	1,311	2,493	2,556	2,865	3,160	3,650	2,773
3. Other taxes on income and expenditure	-	-	58	90	178	171	84	1	20	(2,867)
4. Hotel receipts tax	-	-	-	-	-	-	-	-	-	887
a) Total receipts	-	-	-	-	-	-	-	-	-	(783)
b) States' share	-	-	-	-	-	-	-	-	-	4,099
II. Taxes on property and capital transactions [1 to 5]	20	27	79	88	127	139	168	187	133	(4,050)
Estate Duty	7	8	12	16	27	24	23	14	9	50
Less: States' share	7	6	8	12	17	20	20	10	6	-
1. Net receipts	-0.2	2	4	4	10	4	3	4	3	3
2. Tax on wealth	12	15	54	37	93	108	153	174	120	130
3. Gift tax	2	2	5	7	9	11	12	9	10	(120)
4. Stamps and registration (1)	5	7	17	10	15	16	(e)	(e)	(e)	10
5. Land revenue (1)	(c)	(c)	(c)	(c)	(c)	(c)	(e)	(e)	(e)	(e)
III. Taxes on commodities and services [1 to 7]	1,311	1,940	4,530	7,396	12,151	14,131	16,868	19,689	23,135	26,009
Customs										(25,585)
Imports (Gross)	548	423		3,413	5,657	7,103	9,601	11,524	13,683	15,782
Exports (Gross)	2	68	1,498	121	80	84	83	94	63	(15,475)
Other revenue (Gross)	5	71(a)	47	59	90	117	189	175	250	64
Less: Refunds	16	37	79	171	212	237	275	332	421	250
1. Net receipts	539	524	1,419	3,409	5,583	7,041	9,526	11,475	13,500	470
Union excise duties	898	1,759	3,845	6,500	10,222	11,151	12,956	14,470	16,580	15,626
Of which: additional excise duties	47	75	223	395	680	811	928	1,156	1,230	(15,319)
Less: States' share	146	390	857	2,777	4,057	4,525	5,625	6,306	7,003	18,172
2. Net receipts	752	1,369	2,988	3,723	6,164	6,626	7,331	8,164	9,577	(17,933)
3. Sales tax (1)	13	29	77	165	248	297	(e)	(e)	(e)	1,357
4. State excise (1)	2	5	16	46	86	94	(e)	(e)	(e)	(1,366)
5. Taxes on vehicles (1)	1	3	4	6	9	11	11	(e)	(e)	7,889
6. Taxes on goods and passengers (1)	(b)	(b)	11	18	22	23	(e)	(e)	(e)	(7,767)
7. Other taxes & duties on commodities (2)	5	11	15	28	39	40	12	50	58	10,283
										(10,166)

For footnotes see page 422.

## NATIONAL FINANCE

Table 177-BUDGETARY POSITION OF THE GOVERNMENT OF INDIA -contd.  
A-Revenue Account.

(Rs. crores)

Items	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88 (R.E.)	1988-89* (B.E.)
1	2	3	4	5	6	7	8	9	10	11
REVENUE-contd.										
IIIA. Taxes of Union Territories	(d)	(d)	(d)	(d)	(d)	(d)	532	564	638	702
IV. Total tax revenue [I+II+III]	1,785	2,451	6,010	9,388	15,477	17,694	21,180	24,318	28,337	31,890 (31,303)
V. Interest receipts	308	575	934	1,795	2,668	3,963	4,586	5,339	6,084	7,187
1. State and Union Territory Governments	152	259	457	889	1,264	1,616	1,872	2,754	3,212	3,867
2. Railways	90	138	192	110	353	244	558	553	640	736
3. Post & Telecommunications (3)	5	11	24	39	97	135	170	213	243	267
4. Other interest receipts	60	167	261	757	954	1,968	1,986	1,819	1,989	2,317
VI. Dividend and profits	82	121	195	292	451	407	515	507	554	572
1. Railways	26	26	7	-	-	-	-	-	-	-
2. Posts & Telecommunications	1	3	2	-	-	-	-	-	-	-
3. Others (4)	55	92	187	292	451	407	515	507	554	572
(Of which: profits of RBI)	(48)	(75)	(150)	(210)	(210)	(210)	(210)	(210)	(210)	(210)
VII. Fiscal services	16	26	50	143	160	486	736	740	1,270	1,069
1. Currency and mint	16	26	50	67	111	109	206	262	375	386
2. Other fiscal services	-	-	-	76	49	377	530	478	895	683
VIII. General Services (5)	-	-	232	329	612	673	645	738	810	845
IX. Social and community services (6)	155	170	68	180	291	154	149	185	231	238
X. Economic services (7)	-	-	-	330	554	614	842	2,427	2,278	2,498
XI. Cash grants from foreign countries and international organisations	-	-	587	373	281	394	413	396	485	519
XIA. Aid materials and equipments and non-tax receipts of union territories (8)	-	-	-	-	-	-	140	118	159	176
XII. Total Non-tax Revenue [V+VI+VII+VIII+XIA IX+X+XI]	560	891	2,066	3,441	5,016	6,690	8,026	10,450	11,871	13,104 (13,055)
XIII. Total Revenue [IV+XII]	2,344	3,342	8,075	12,829	20,493	24,384	29,206	34,768	40,208	44,994 (44,358)

For footnotes see page 422.

## NATIONAL FINANCE

Table 177-BUDGETARY POSITION OF THE GOVERNMENT OF INDIA -contd.  
A-Revenue Account

- (1) Receipts relate to Union Territories without Legislature.
  - (2) Includes foreign travel tax, entertainment tax, betting tax, taxes and duties on electricity etc.
  - (3) The figures from 1985-86 onwards pertain to telecommunications only due to the separation of Deptt. of Telecommunications from posts and telegraphs w.e.f. December 31, 1984. The deficits in the working results of the Deptt. of posts is shown as item in Revenue Expenditure.
  - (4) Comprises profits of RBI and dividends, etc. from commercial and other undertakings.
  - (5) Includes receipts from administrative services like Public Service Commission, Police, Jails, Supplies & Disposals, Stationery and Printing, Public Works and Pensions and other General Miscellaneous Services.
  - (6) Receipts from education, art and culture, medical, family welfare, public health, sanitation and water supply, housing, urban development information and publicity, broadcasting, labour and employment, social security and welfare and other social and community services are included under this head.
  - (7) Comprises receipts from Agriculture and allied services, industry and minerals, water and power development, transport and communications and general economic services.
  - (8) Aid material and equipment prior to 1985-86 included under 'General Services'. However from 1985-86 foreign travel tax is shown under item I(3).
    - (a) Includes additional duties (net).
    - (b) Included under 'other taxes and duties'.
    - (c) Included under stamps and registration for these years.
    - (d) For the years prior to 1985-86, the tax receipt under this head, is shown under different heads (viz., Stamps & registration, land revenue, sales tax, state excise, taxes on vehicles, taxes on goods and passengers).
    - (e) Included under taxes on Union Territories.
- \* Including effects of budget proposals. Post-budget tax concessions are not adjusted.

Note: Figures in brackets exclude the effects of budget proposals.

## NATIONAL FINANCE

Table 177-BUDGETARY POSITION OF THE GOVERNMENT OF INDIA -contd.  
A-Revenue Account

(Rs.crores)

Items	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88 (R.E.)	1988-89 (R.E.)
1	2	3	4	5	6	7	8	9	10	11
I. Developmental Expenditure (A+B+C+D+E)	503	872	2,157	5,614	9,445	11,909	14,862	18,146	21,442	23,647
A.Social and Community Services	130	223	520	877	1,451	1,789	1,322	1,771	2,167	2,382
Of which:										
1.Education, art, cul- ture and scientific services & research	87	159	320	503	866	1,074	530 (c)	708 (c)	1,051 (c)	1,075 (c)
2.Medical, public health and family welfare, sanitation and water supply	15	28	54	108	173	200	215	224	312	334
3.Labour & employment	8	11	32	64	98	165	182	234	167	243
B.Economic services	137	263	996	2,487	4,378	5,782	7,478	9,353	10,732	12,008
Of which:										
1.Agriculture and allied services	18	56	365	915	1,382	1,795	2,351	3,030	2,974	3,165
Of which:										
Food subsidy	-	18	250	650	835	1,101	1,650	2,000	2,200	2,300
2.Industries and Minerals	36	39	252	591	1,513	2,407	912	2,880	3,513	3,877
3.Foreign trade and export promotion	20	41	161	426	560	601	652			
4.Transport and communication	27	50	97	261	389	442	439	973	1,091	1,245
C. General services	-	-	-	3	7	9	9	-	6	9
D. Grants-in-aid to State and Union Territory Governments for developmental purposes	236	386	641	2,248	3,609	4,329	5,428	6,273	7,646	8,326
E. Disbursements of Union Territories	(d)	(d)	(d)	(d)	(d)	(d)	625	749	891	922
II.Non-Developmental ex- penditure (i to viii)	1,522	2,307	5,032	8,929	13,446	15,972	19,909	24,398	27,263	31,189
(i) Collection of taxes and duties	30	48	93	133	201	234	275	360	454	462
(ii) Audit	13	24	54	37	97	112	-	156	180	182
(iii) Interest payments	371	606	1,228	2,748 (a)	4,869 (a)	6,050 (a)	7,503 (a)	9,237 (a)	11,450 (a)	14,100 (a)
(iv) Administrative services	69	166	389	557	801	964	1,047	1,328	1,554	2,540
Of which:										
(a) Police	32	102	209	299	482	582	631	821	997	1,120
(b) External affairs	10	22	49	65	98	110	132	165	192	201

For foot notes see next page.

## NATIONAL FINANCE

Table 177-BUDGETARY POSITION OF THE GOVERNMENT OF INDIA -contd.  
A-Revenue Account

(Rs.crores)

Items	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88 (R.E.)	1988-89 (B.E.)
1	2	3	4	5	6	7	8	9	10	11
II. Non-Developmental expenditure-contd.										
v Grants-in-aid to State and Union Territory Governments for non-developmental purposes	88	226	648	548	793	891	1,638	1,472	1,483	1,584
vi Compensation and assignments to local bodies	5	12	15	30	35	43	-	43	53	48
vii Technical and economic co-operations with other countries	15	24	40	57	91	89	81	114	168	180
viii Others(1)	931	1,201	2,585	4,819 (b)	6,559	7,589	9,365	9,708	9,429	9,676
III. Total expenditure (I+II)	2,025	3,179	7,189	14,544 (b)	22,890	27,881	34,771	42,544	48,705	54,836
IV. Surplus (+) or Deficit(-) on Revenue Account	+320	+163	+887	-1,715	-2,398	-3,498	-5,565	-7,776	-8,497	-9,842 (-10478)

(1) Comprises outlay on defence, currency, coinage and mint, pension, charges payable to IMF, postal services aid materials and equipments etc.

(a) Includes interest payment on deposits under Compulsory Deposit Schemes which is included in Other Fiscal Services' in the Budget.

(b) Includes accounting adjustment of Rs. 938.3 crores for write-off of loans advanced to state Governments prior to 1979-80 in pursuance of the recommendation of the Seventh Finance Commission.

(c) Includes education, art and culture.

(d) Figures are not separately available.

## NATIONAL FINANCE

Table 177-BUDGETARY POSITION OF THE GOVERNMENT OF INDIA -contd.

## B-Capital Account

(Rs.crores)

Items	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88 (R.E.)	1988-89 (B.E.)
1	2	3	4	5	6	7	8	9	10	11
RECEIPTS										
Internal Market										
Borrowings-Gross (1)	279	428	661	2,849	4,382	4,584	5,543	6,569	7,821	7,475
Borrowings-Net (2)	124	144	456	2,579	4,038	4,096	4,884	5,531	7,000	7,000
Subscription to Bonds issued under the Vol- untary Disclosure Scheme 1975	-	-	40	-	-	-	-	-	-	-
Capital Investment										
Bonds	-	-	-	-	..	..	..	..	..	..
Special Bearer Bonds	-	-	-	89	-	-	-	-	-	-
External Debt-Gross	570	527	1,416	1,190	1,892	2,003	2,145	3,040	3,905	4,526
External Debt-Net	482	332	1,072	798	1,437	1,516	1,515	2,019	2,630	3,142
Loan from IMF	-	-	-	538	-	-	-	-	-	-
Trust Fund	-	-	-	-	-	-	-	-	-	-
Small Savings-Net	151	184	393	1,121	2,409	3,650	1,389	476	10,001	1,150
Public Provident Fund-Net	-	2	12	55	127	65	76	135	250	270
State Provident Funds-Net	55	89	222	219	228	364	419	757	650	730
Repayment of Loans (i+ii)	374	923	1,486	2,462	3,745	3,729	2,751	3,498	4,384	4,280
(i) State and Union Territory Govern- ments	276	658	746	1,855	1,941	2,454	1,625	2,281	2,606	2,988
(ii) Others (2)	97	264	739	606	1,804	1,275	1,126	1,217	1,778	1,292
Railway Reserve Funds-Net (3)	14	32	5	-30	71	43	-94	-18	108	105
Special Deposits of non-Govt.Provident Funds	-	-	104	604	1,021	982	776	3,463	3,650	4,100
Special Borrowings from R.B.I.against compulsory Deposits-Net	-	-	-	-70	90	80	125	-320	-190	-190
Deposits from L.I.C., G.I.C., etc.	-	-	-	110	571	513	423	225	225	225
Other Receipts-Net(4)	204	339	360	298	2,124	2,730	4,499	2,385	2,252	2,466
				(b)						
Total Capital Receipts	1,403	2,046	4,149	8,771	15,851	17,768	16,763	18,529	21,959	23,278
				(a)(b)						

- (1) Excludes Treasury Bill receipts as well as conversion of ad-hoc Treasury bills of Rs.75 crores in 1970-71, Rs.100 crores each in 1975-76 and 1980-81 into dated securities.
- (2) Includes foreign Governments, Municipalities, Port Trusts, Financial institutions and industrial & commercial undertakings in the public sector companies and institutions in the private sector, co-operative societies and Government servants.
- (3) Comprises depreciation reserve funds, revenue reserve funds, development fund, pension fund, accident compensation and safety and passenger amenities fund.
- (4) Includes PL480 deposits, deposits and advances, suspense and miscellaneous receipts, deposits of US Rupee balances, remittances, reserve funds other than railway reserve funds, inter-state settlement, oil credits, deposits of loan assistance from Iran for Kudremukh Project and economic development, special securities issued to IMF, IBRD, ADB, IDA, IDB, prize bonds, Annuity Certificates, National Rural Development Bonds, Capital Investment Bonds for 1983-84, 1984-85 1985-86, 1986-87 deposits under National Deposit Schemes, etc.
- (a) Includes accounting adjustments relating to the write-off of Rs.938.3 crores of loans advanced to State Governments prior to 1979-80 in pursuance of the recommendations of the Seventh Finance Commission.
- (b) Includes notional receipt/expenditure of Rs.588.2 crores on account of subscription payable to International Monetary Fund in the form of securities and special drawings rights.
- (c) Net of loans to states against net collection of small savings.

## NATIONAL FINANCE

Table 177-BUDGETARY POSITION OF THE GOVERNMENT OF INDIA -contd.

## B-Capital Account

(Rs.crores)

Items	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88 (R.E)	1988-89 (B.E)
1	2	3	4	5	6	7	8	9	10	11
DISBURSEMENTS										
A.Developmental capital outlay(I+II+III+IV)	579	605	1,789	3,050	4,903	6,595	6,955	7,648	6,130	6,522
I. Social and Community Services	1	4	81	131	237	357	174	390	250	388
i Scientific services and Research	(a)	(a)	36	40	79	184	-ve	-ve	-ve	-ve
ii Medical, public health and water supply	-	1	6	8	2	12	6	-ve	-5	-1
iii Housing and urban development	(b)	(b)	18	55	72	81	80	107	87	114
iv Broadcasting	1	3	12	7	55	52	82	202	156	185
v Social security and welfare	(a)	(a)	6	7	8	8	-	-	-	-
vi Education, Sports, arts and culture	(a)	(a)	3	14	20	18	3	68	6	32
vii Others	(a)	(a)	3	14	22	21	3	13	1	57
II. Economic Services	578	601	1,707	2,919	4,666	6,238	6,536	6,922	5,596	5,717
i General economic services	(a)	(a)	74	89	203	159	90	109	67	106
ii Agriculture and allied services	3	22	362	364	185	776	474	295	112	124
iii Industry and minerals	148	257	723	1,050	2,298	2,794	2,923	2,082	1,515	1,017
1.Machinery and engineering services	56	1	53	51	71	72	77	(a)	(a)	(a)
2.Petroleum, chemical and fertilizer industries	20	40	330	121	332	329	386	(a)	(a)	(a)
3.Atomic energy and development	31	11	36	46	183	297	327	(a)	(a)	(a)
4.Mining and metallurgical industries	28	106	270	665	1,389	1,874	1,979	(a)	(a)	(a)
5.Other industries	13	100	35	168	322	223	154	(a)	(a)	(a)
iv Water and power development	21	56	105	380	713	851	1,109	(a)	(a)	(a)
v Transport and Communications	66	87	113	284	334	340	313	360(i)	434(i)	536(i)
vi Railways	245	136	251	645	572	794	877	1,120	1,219	1,390
vii Post and Telecommunication	31	7	79	108	361	525	557	544	121	282
viii Science, Technology and Environment	(a)	(a)	(a)	(a)	(a)	(a)	106	141	133	150
ix Others(1)	64	36	-	-	-	-	87	..	..	..
III.General services	-	-	(j)	(j)	(j)	(j)	110	96	146	220
IV.Disbursements of U.T	(a)	(a)	(a)	(a)	(a)	(a)	135	240	138	197

See footnotes on next page.

## NATIONAL FINANCE

Table 177-BUDGETARY POSITION OF THE GOVERNMENT OF INDIA -concl'd.  
B-Capital Account

(Rs.crores)

Items	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88 (R.E.)	1988-89 (B.E.)
1	2	3	4	5	6	7	8	9	10	11
B. Non-Developmental Capital Outlay (2)	117	336	462	933 (c)	1,373	1,247	1,018	1,662	3,360	4,288
C. Loans & Advances	1,200	1,553	3,151	5,651	8,605	10,173	8,162	10,004	10,238	10,379
i) Loans to state and Union Territory Governments	829	1,028	1,295	3,147	5,059 (d)	6,177	4,456 (e)	4,467	5,549	5,314
ii) Other loans and advances	371	525	1,856	2,504	3,545	3,996	3,706	5,537	4,689	5,065
D. Total Capital Disbursements(A+B+C)	1,896	2,494	5,402	9,633 (c)	14,881 (d)	18,016	16,135	19,014	19,542	20,920
E. Surplus(+) or deficit(-)	-493	-448	-1,253	-862.3	+980 (d)	-246	+628 (e)	-485	+2,417	+2,358

(1) Since break-up of items like capital outlay on general economic services, scientific services and research housing and urban development, social security and welfare are not available separately upto 1970-71 they have been included under this head.

(2) Comprise outlay on Defence and general services like India Security Press, Currency, Coinage and mint (including subscription to I.M.F. etc.)

(a) Figures are not separately available.

(b) The figures relating to these items are included under other economic services since the break down is not available for the period 1965-66 to 1970-71.

(c) Includes notional receipt/expenditure of Rs.588.2 crores on account of subscription payable to International Monetary Fund in the form of securities and Special Drawing Rights.

(d) Excludes Rs.400 crores of loans to State Government to clear their overdrafts as on 31 March 1983.

(e) Excludes Rs. 1,628 crores of medium-term loans given to states to clear their overdrafts.

(f) Includes Rs.400 crores each in 1985-86 and 1986-87 towards investment in nationalised banks.

(g) Includes special area programmes.

(h) Includes Rs.250 crores of Railway Capital to be financed through bonds.

(i) Includes Transport only.

(j) Since the break-up into developmental and non-developmental is not available, the outlay is included under 'others' in non-development outlay.



## NATIONAL FINANCE

Table 178-CONSOLIDATED BUDGETARY POSITION OF STATES

(Rs.crores)

Items	1975-76 Accounts	1980-81 Accounts	1983-84 Accounts	1984-85 Accounts	1985-86* Accounts	1986-87** Accounts	1987-88 (R.E.)	1988-89 (B.E.)
1	2	3	4	5	6	7	8	9
I.Revenue Account								
A.Revenue	7,638.2	16,293.3	24,013.8	27,425.5	33,424.1	38,226.3	43,577.5	48,390.1
B.Expenditure	6,966.5	14,807.8	23,803.3	28,349.0	32,769.7	38,056.6	45,201.7	49,213.4
C.Surplus(+) or Deficit(-)	+971.7	+1,485.5	+210.5	-923.5	+654.4	+169.7	-1,624.2	-823.3
II.Capital Account @								
A.Receipts	2,593.8	5,579.3	9,093.1	10,882.4	13,133.0	13,302.7	15,160.3	16,125.9
B.Disbursements	3,314.2	7,856.2	9,737.0	11,507.6	12,096.9	13,728.5	15,186.1	15,965.1
C.Surplus(+) or Deficit(-)	-720.4	-2,276.9	-643.9	-625.2	+1,036.1	-425.8	-25.8	+160.8
III.Remittances (net)	-176.7	-105.9	-127.5	+110.9	-2.2	-410.6	+63.8	+20.3
IV.Overall Surplus(+) or Deficit(-) (IC+IIC+III)	+74.6	-897.3	-560.9	-1,437.8	+1,688.3	-666.7	-1,586.2	-642.2
Financed by:								
1.Increase(+) or Decrease(-) in cash Balances	-24.6	-316.5	-112.1	-738.4	-454.2	-475.3	-1,317.0	-631.3
2.Additions to(+) or withdrawals from(-) cash balance investment account	+91.1	-270.5	-211.4	+54.1	+988.9	-301.4	-233.4	-9.2
3.Increase in(-) or repayment of(+)ways and means advances and overdrafts from the Reserve Bank of India	+8.1	-310.3	-237.4	-753.5	+1,153.6	+110.0	-35.8	-1.7

Source: Reserve Bank of India

@ Excluding (i) ways and means advances and temporary overdrafts from the Reserve Bank of India and (ii) purchase/sale of securities from cash balance investments account.

\* Figures for Jammu & Kashmir and Nagaland relate to revised estimates.

\*\* Figures for Bihar, Jammu & Kashmir and Nagaland relate to revised estimates.

## Notes:

1. Budget Estimates for 1988-89 include the estimated net yield of Rs.635.6 crores from additional resource mobilisation measures introduced through the States, Budget and the States' share of Rs.28.2 crores in the Centre's additional taxation announced in the Central Budget for 1988-89.

2. States Capital Receipts in 1983-84(Accounts)exclude the medium-term loan of Rs.400.00 crores given by the Centre to the States to clear their overdrafts as on March 31,1983.

3. States Capital Receipts in 1985-86 (Accounts) exclude the medium-term loan of Rs.1628.01 crores given by the Centre to 17 States to clear 90 percent of their overdrafts outstanding with the Reserve Bank of India as on January 28, 1985.

## NATIONAL FINANCE

Table 179-CONSOLIDATED BUDGETARY POSITION OF STATES

## A-REVENUE ACCOUNT

(Rs. crores)

Items	1975-76 Accounts	1980-81 Accounts	1983-84 Accounts	1984-85 Accounts	1985-86* Accounts	1986-87** Accounts	1987-88 (R.E.)	1988-89 (B.E.)
1	2	3	4	5	6	7	8	9
1.Total Revenue[A+B]	7,938.2	16,293.3	24,013.8	27,425.5	33,424.1	38,226.3	43,577.5	48,390.1
A.Tax Revenue	5,145.3	10,405.1	15,760.9	18,114.3	21,810.9	25,095.7	28,424.9	32,283.6
1.States own tax revenue	3,546.2	6,616.2	10,753.1	12,259.8	14,551.0	16,712.0	18,958.8	21,777.3
i.Taxes on income	45.7	108.4	145.1	203.5	271.7	270.4	267.3	323.1
Agricultural income tax	28.5	46.4	44.0	84.4	126.9	103.8	70.9	99.5
Profession tax	17.2	62.0	101.1	119.1	144.8	166.6	196.4	223.6
ii.Taxes on property and capital transactions	456.3	576.4	876.0	993.3	1,212.4	1,406.4	1,573.2	1,816.3
Stamps and registration fees	216.9	425.2	631.6	702.8	852.7	1,016.3	1,147.0	1,268.9
Land revenue	229.7	145.5	236.4	281.8	352.8	382.1	414.5	535.6
Surcharge on cash crops	1.9	-	-	-	-	-	-	-
Urban immovable property tax	7.8	5.7	8.0	8.7	6.9	8.0	11.7	11.8
iii.Taxes on commodities and services	3,044.2	5,931.4	9,732.0	11,063.0	13,066.9	15,035.2	17,118.3	19,637.9
Sales tax (1)	1,943.7	3,887.6	6,261.1	7,060.2	8,428.6	9,640.0	11,134.8	12,720.1
State excise duties	435.5	824.3	1,569.4	1,839.3	2,051.7	2,420.6	2,609.3	2,904.8
Taxes on vehicles	203.3	414.9	623.3	700.3	826.4	998.0	1,186.0	1,391.2
Taxes on goods & passengers	166.9	271.8	459.9	493.1	552.4	602.2	767.2	873.4
Electricity duties	111.4	228.3	367.4	454.6	632.6	789.2	812.6	997.7
Entertainment tax	149.9	255.4	378.5	411.5	308.1	427.0	443.4	472.6
Other taxes and duties (2)	33.5	49.1	72.4	104.0	267.1	158.2	165.0	278.1
2.Share in central taxes	1,599.1	3,788.9	5,007.8	5,854.5	7,259.9	8,383.7	9,466.1	10,506.3
Income Tax	734.2	1,003.0	1,170.0	1,266.6	1,763.5	2,169.1	2,440.4	2,679.5
Estate duty	8.2	11.7	14.5	17.7	18.9	9.4	5.2	0.2
Union excise duties	856.7	2,774.2	3,823.3	4,570.2	5,477.5	6,205.2	7,020.5	7,826.6
B.Non-Tax Revenue	2,792.9	5,888.2	8,252.9	9,311.2	11,613.2	13,130.6	15,152.6	16,106.5
1.States own non-tax revenue (3)	1,574.4	3,265.6	4,160.2	4,549.6	5,290.6	6,145.5	6,638.7	7,379.6
2.Grants-in-aid from the Centre	1,218.5	2,622.6	4,092.7	4,761.6	6,322.6	6,985.1	8,513.9	8,726.9

Source: Reserve Bank of India

See footnotes on next page.

## NATIONAL FINANCE

Table 179-CONSOLIDATED BUDGETARY POSITION OF STATES-contd.  
A-REVENUE ACCOUNT

(Rs.crores)

Items	1975-76 Accounts	1980-81 Accounts	1983-84 Accounts	1984-85 Accounts	1985-86* Accounts	1986-87** Accounts	1987-88 (R.E.)	1988-89 (B.E.)
1	2	3	4	5	6	7	8	9
EXPENDITURE								
II.Total Expenditure [A+B+C+D]	6,966.5	14,807.8	23,803.3	28,349.0	32,769.7	38,056.6	45,201.7	49,213.4
A.Developmental Expenditure	4,700.3	10,514.7	16,941.2	19,982.6	23,076.2	26,867.1	31,944.7	32,680.4
i.Social and community services(4)	2,798.2	5,957.0	9,812.1	11,372.3	13,366.4	15,197.5	17,880.7	18,456.1
ii.Economic services(5)	1,911.1	4,557.7	7,129.1	8,610.3	9,709.8	11,669.6	14,064.0	14,224.3
B.Non-Developmental Expenditure (6)	2,183.2	4,088.2	6,558.3	8,009.3	9,291.2	10,743.8	12,789.7	15,984.9
Of which:								
Interest on Debt	687.8	1,225.5	1,963.5	2,466.5	3,379.5	4,403.4	5,313.1	6,303.2
C.Compensation and Assignments to local Bodies	74.0	204.9	303.8	357.1	399.6	441.7	458.2	528.7
D.Reserve with Finance Department	-	-	-	-	2.7	4.0	9.1	19.4
Surplus(+) or deficit(-)	+971.7	+1,485.5	+210.5	-923.5	+654.4	+69.7	-1,624.2	-823.3

(1) Comprises general sales-tax, central sales tax, sales tax on motor spirit and purchase tax on sugarcane.

(2) Comprises tax on raw jute, surcharge and cess on sugarcane, etc.

(3) Comprises interest receipts dividends and receipts from general services, social and community services and economic services.

(4) Comprises expenditure on education, art and culture, medical and public health, natural calamities, relief, etc.

(5) Comprises expenditure on forests, industries, irrigation, multi-purpose river valley project, etc.

(6) Comprises debt servicing, interest payments, administrative services, pensions, etc.

\* Figures for Jammu & Kashmir and Nagaland relate to revised estimates.

\*\* Figures for Bihar, Jammu & Kashmir and Nagaland relate to revised estimates.

## Notes:

i. Figures given may differ from those given in the State budget papers due to adjustments made to ensure uniformity in presentation.

ii. Budget Estimates for 1988-89 include the estimated net yield of Rs.635.6 crores from additional resource mobilisation measures introduced through the State Budgets and the States' share of Rs.128.2 crores in the centre's additional taxation announced in the Central Budget for 1988-89.

## NATIONAL FINANCE

Table 179-CONSOLIDATED BUDGETARY POSITION OF STATES- conold.  
B-Capital Account

(Rs.crores)

Items	1975-76 Accounts	1980-81 Accounts	1983-84 Accounts	1984-85 Accounts	1985-86* Accounts	1986-87** Accounts	1987-88 (R.E.)	1988-89 (B.E.)
1	2	3	4	5	6	7	8	9
RECEIPTS								
I.Total Receipts	2,593.8	5,579.3	9,093.1	10,882.4	13,133.0	13,302.7	15,160.3	16,125.9
Internal Debt (1)	395.7	588.3	1,108.7	1,525.2	1,646.7	1,457.3	1,951.4	2,514.8
Of which: Market Loans	275.0	317.5	740.1	1,163.9	1,428.3	1,430.8	1,736.8	1,995.8
Loans from Centre	1,294.3	3,021.9	4,902.6	5,909.7	8,368.3	7,702.8	8,985.9	9,566.8
Recovery of Loans & Advances	420.2	449.2	785.0	1,030.0	808.6	996.9	1,080.4	1,135.4
Small Savings, Provident Funds, etc.(net)	149.3	343.0	797.3	932.6	970.9	1,041.9	1,816.0	1,379.5
Inter State Settlement (net)	-	-0.2	-0.1	-	-2.0	2.0	-0.9	-1.3
Contingency Fund (net)	-5.9	322.3	62.6	245.8	152.1	32.9	-8.5	40.5
Reserve Funds(net)	117.1	179.9	231.8	348.4	501.1	421.4	498.9	715.8
Deposits and advances (net)	105.5	533.6	764.4	616.0	700.1	1,004.5	553.6	594.9
Suspense and Misc. (2) (net)	107.6	-34.2	275.8	259.7	-18.3	664.1	184.4	189.5
Appropriation to Contingency fund	10.0	175.0	165.0	15.0	5.5	-30.0	99.1	-10.0
Others	-	0.5	-	-	-	8.9	-	-
DISBURSEMENTS								
II.Total Disbursements	3,490.9	7,962.1	9,864.5	11,396.7	12,099.1	14,139.1	15,122.3	15,944.8
Total Capital Outlay [A+B]	1,404.4	3,200.2	4,276.7	4,911.4	5,453.0	6,277.0	6,866.0	7,481.8
A. Developmental Outlay	1,382.0	3,128.7	4,140.1	4,787.5	5,355.2	6,051.2	6,617.2	7,222.6
i) Social and Community Services	139.9	347.1	648.8	641.7	744.0	988.4	1,172.2	1,152.8
ii) Economic Services	1,242.1	2,781.6	3,491.3	4,145.8	4,611.2	5,062.8	5,445.0	6,069.8
B. Non-Development Outlay(3)	22.4	71.5	136.6	123.9	97.8	225.8	248.8	259.2
Discharge to Internal Debt(4)	33.1	177.7	244.6	596.8	503.2	376.1	404.2	419.7
Of which: Market Loans	1.9	119.0	177.0	471.1	418.0	284.1	297.8	294.6
Repayment of Loans to the Centre	761.7	1,458.2	1,871.3	2,329.7	2,610.9	2,916.7	3,164.6	3,351.8
Loans and Advances to Third Parties	1,089.8	2,447.1	3,077.4	3,394.7	3,529.8	4,158.7	4,751.3	4,711.8
Others (5)	201.9	678.9	394.5	164.1	2.2	410.6	-63.8	-20.3
Surplus(+) or Deficit(-) on Capital Account[I-II]	-897.1	-2,382.8	-771.4	-514.3	+1,033.9	-836.4	+38.0	+181.1

(1) Excludes ways and means advances and temporary overdrafts from the RBI and includes market loans, land compensation bonds, net cash credits and loans from the State Bank of India and other banks, loans from National Agricultural Credit (Long-term Operations) Fund of the RBI, National Cooperative Development Corporation, Life Insurance Corporation of India, Khadi and Village Industries Commission, etc.

(2) Excludes purchases/sales of securities from the cash balance investment account.

(3) Comprises expenditure on General services.

(4) Includes repayment of market loans and compensation bonds as also repayment of loans from the N.R.C. (L.T.O), Funds of RBI, N.C.D.C., L.I.C., etc. but excludes ways and means advances and temporary overdrafts from RBI.

(5) Comprises appropriation to contingency fund and remittances (net).

\* Figures in respect of Jammu & Kashmir and Nagaland relate to revised estimates.

\*\* Figures in respect of Bihar, Jammu & Kashmir and Nagaland relate to revised estimates.

## Notes:

- Figures given here may differ from those given in the States budget paper due to adjustments made to ensure uniformity in presentation.
- States Total Receipts as well as loans from the Centre (gross) in 1983-84 (Accounts) exclude the medium-term loans of Rs. 400.00 crores given by the Centre to clear their overdrafts outstanding with the RBI as on March 31, 1983.
- States Total Receipts as well as loans from the Centre (gross) in 1985-86 (Accounts) exclude the medium-term loans of Rs. 1,628.01 crores given by the Centre to 17 states to clear 90 percent of overdrafts outstanding with the RBI as on January 28, 1985.

## NATIONAL FINANCE

Table 180—GENERAL STATEMENT OF THE REVENUE RECEIPTS AND REVENUE EXPENDITURE ACCOUNT  
OF UNION, STATE GOVERNMENTS AND UNION TERRITORY

(Rs. crores)

State	Items	1950- 51	1955- 56	1960- 61	1965- 66	1970- 71	1975- 76	1979- 80	1980- 81	1981- 82	1982- 83
1	2	3	4	5	6	7	8	9	10	11	12
Central Govt.	Revenue	482.4	580.8	..	3,392.4	5,086.1	11,323.3	17,251.8	19,394.5	23,703.0	27,558.3
	Expenditure	428.7	539.1	..	3,072.7	4,923.0	10,436.4	17,948.0	21,096.4	23,996.4	28,812.6
	Surplus (+) or	+53.7	+41.7	..	+319.7	+163.0	+886.9	-696.2	-1701.9	-293.4	-1,254.3
	Deficit (-)										
Andhra Pradesh	Revenue	..	23.5	85.3	151.8	296.3	652.2	1,136.2	1,264.5	1,466.3	1,639.1
	Expenditure	..	28.8	85.0	159.6	296.7	505.0	1,014.9	1,161.1	1,386.3	1,506.5
	Surplus (+) or	..	-5.3	+0.3	-7.8	-0.4	+147.2	+121.3	103.4	80.0	132.6
	Deficit (-)										
Assam	Revenue	10.2	22.0	36.0	64.6	101.2	202.0	269.3	522.2	367.1	439.0
	Expenditure	9.3	24.5	40.5	80.6	120.9	179.4	309.8	357.5	404.5	482.9
	Surplus (+) or	+0.9	-2.5	-4.5	-16.0	-19.7	+22.6	-40.5	164.7	-37.4	-43.9
	Deficit (-)										
Bihar	Revenue	29.0	41.4	79.9	127.9	229.3	492.4	882.5	992.3	1,158.7	1,317.3
	Expenditure	26.0	54.4	72.4	125.3	249.1	395.3	662.9	950.9	1,219.5	1,358.1
	Surplus (+) or	+3.0	-13.3	+7.5	+2.6	-19.8	+97.1	+219.5	41.4	-60.8	-40.8
	Deficit (-)										
Gujarat	Revenue	..	..	..	120.7	221.9	453.3	836.6	1,025.0	1,159.5	1,349.3
	Expenditure	..	..	..	113.5	219.3	381.2	744.3	903.3	1,039.1	1,283.0
	Surplus (+) or	..	..	..	+7.2	+2.6	+72.1	+92.3	121.7	120.4	66.3
	Deficit (-)										
Haryana	Revenue	..	..	..	..	99.2	228.4	402.1	459.9	536.1	641.6
	Expenditure	..	..	..	..	93.4	186.9	317.8	400.7	485.5	566.9
	Surplus (+) or	..	..	..	..	+5.8	+41.5	+84.3	59.2	50.6	44.7
	Deficit (-)										
Himachal Pradesh	Revenue	..	..	..	17.2	57.5	86.8	192.6	292.3	234.2	272.3
	Expenditure	..	..	..	18.0	62.4	86.7	149.7	187.8	212.4	263.2
	Surplus (+) or	..	..	..	-0.8	-4.9	+0.1	+42.9	104.5	21.8	9.1
	Deficit (-)										
Jammu and Kashmir	Revenue	..	..	15.7	31.7	66.0	147.1	217.3	491.3	298.6	339.5
	Expenditure	..	..	12.1	32.5	69.3	142.8	207.1	267.6	299.9	344.2
	Surplus (+) or	..	..	+3.6	-0.8	-3.3	+4.3	+10.2	223.7	-1.3	-4.7
	Deficit (-)										
Karnataka	Revenue	13.4	25.3	81.8	120.5	246.6	514.1	819.3	953.5	1,166.6	1,280.7
	Expenditure	12.7	25.4	79.5	125.5	252.4	428.6	738.6	894.9	1,002.4	1,238.8
	Surplus (+) or	+0.7	-0.1	+2.3	-5.0	-5.8	+85.5	+80.6	58.6	164.2	41.9
	Deficit (-)										
Kerala	Revenue	..	..	45.2	82.1	150.8	351.2	591.5	640.4	850.5	810.2
	Expenditure	..	..	46.0	81.8	163.8	355.0	533.7	667.6	754.5	783.4
	Surplus (+) or	..	..	-0.8	+0.3	13.0	-3.8	+57.9	-27.2	96.0	26.8
	Deficit (-)										
Madhya Pradesh	Revenue	19.6	30.7	72.2	123.1	228.2	546.8	958.6	1,133.9	1,344.1	1,516.1
	Expenditure	16.7	30.6	66.1	125.7	204.1	428.3	791.5	1,016.2	1,114.8	1,328.4
	Surplus (+) or	+2.9	+0.1	+6.1	-2.6	+24.1	+118.5	+167.1	117.7	229.3	187.7
	Deficit (-)										
Maharashtra	Revenue	..	..	..	227.4	456.3	1,049.4	1,794.3	2,038.1	2,385.4	2,838.2
	Expenditure	..	..	..	241.1	460.0	916.6	1,598.9	1,917.0	2,238.0	2,628.1
	Surplus (+) or	..	..	..	-13.7	-3.7	+132.8	+195.4	121.1	147.4	210.1
	Deficit (-)										
Manipur	Revenue	..	..	..	6.1	16.5	36.5	72.5	110.9	95.1	116.6
	Expenditure	..	..	..	7.5	15.2	27.2	54.9	69.8	85.1	92.6
	Surplus (+) or	..	..	..	-1.4	+1.3	+9.3	+17.6	41.1	10.0	24.0
	Deficit (-)										

Source: Combined Finance and Revenue Accounts

## NATIONAL FINANCE

Table 180—GENERAL STATEMENT OF THE REVENUE RECEIPTS AND REVENUE EXPENDITURE ACCOUNT  
OF UNION, STATE GOVERNMENTS AND UNION TERRITORY—contd.

(Rs. crores)

State	Items	1950-51	1955-56	1960-61	1965-66	1970-71	1975-76	1979-80	1980-81	1981-82	1982-83
1	2	3	4	5	6	7	8	9	10	11	12
Meghalaya	Revenue	..	..	..	..	12.2	33.3	60.4	89.9	82.0	96.8
	Expenditure	..	..	..	..	9.6	27.4	45.9	59.9	74.3	85.0
	Surplus (+) or Deficit (-)	..	..	..	..	+2.6	+5.9	+14.5	30.0	7.7	11.8
Nagaland	Revenue	..	..	..	11.3	30.2	43.4	82.8	142.9	108.4	133.8
	Expenditure	..	..	..	9.8	24.6	42.6	68.8	91.6	100.6	128.2
	Surplus (+) or Deficit (-)	..	..	..	+1.5	+5.6	+0.8	+14.0	51.3	7.8	5.6
Orissa	Revenue	10.3	16.1	35.5	80.4	135.8	277.5	467.9	621.3	601.5	801.6
	Expenditure	12.0	23.2	35.6	91.3	139.9	276.2	449.3	540.8	573.6	824.6
	Surplus (+) or Deficit (-)	-1.7	-7.1	-0.1	-10.9	-4.1	+1.3	+18.6	80.5	27.9	-23.0
Punjab	Revenue	16.9	25.0	64.1	139.4	170.4	304.4	519.4	567.7	682.6	786.0
	Expenditure	16.0	27.5	59.2	124.9	136.1	278.3	441.9	549.5	620.0	683.6
	Surplus (+) or Deficit (-)	+8.9	-2.5	+4.9	+14.5	+34.3	+26.1	+77.5	18.2	62.6	102.4
Rajasthan	Revenue	14.6	24.0	44.0	96.9	168.8	394.9	653.4	752.9	857.1	1,009.1
	Expenditure	13.9	23.1	54.5	100.4	220.1	347.8	635.4	687.5	822.8	954.5
	Surplus (+) or Deficit (-)	+0.7	+0.9	-10.5	-3.5	+51.3	+47.1	+18.0	65.4	34.3	54.6
Sikkim	Revenue	..	..	..	..	..	10.3	32.8	40.8	39.2	45.2
	Expenditure	..	..	..	..	..	9.2	29.6	30.6	31.7	35.5
	Surplus (+) or Deficit (-)	..	..	..	..	..	+1.1	+3.2	10.2	7.5	9.7
Tamil Nadu	Revenue	58.2	52.1	92.0	1,972.8	313.9	563.0	944.8	1,280.0	1,441.5	1,678.0
	Expenditure	59.5	54.6	91.1	1,980.7	321.5	557.0	849.5	1,152.2	1,359.9	1,576.1
	Surplus (+) or Deficit (-)	-1.3	-2.5	+0.9	-7.9	-7.6	+5.0	+95.3	127.8	81.6	101.9
Tripura	Revenue	..	..	..	9.2	17.5	35.0	73.3	123.4	96.7	123.7
	Expenditure	..	..	..	9.6	17.4	33.0	61.2	87.2	90.8	108.5
	Surplus (+) or Deficit (-)	..	..	..	-0.4	+0.1	+2.0	+12.1	36.2	5.9	15.2
Uttar Pradesh	Revenue	51.9	85.5	148.3	264.0	485.4	951.1	1,684.5	1,898.7	2,259.7	2,556.1
	Expenditure	51.8	84.2	144.3	259.7	413.9	809.9	1,439.4	1,716.1	1,906.2	2,363.7
	Surplus (+) or Deficit (-)	+0.1	+1.3	+4.0	+4.3	+71.5	+141.2	+245.1	182.6	353.5	192.4
West Bengal	Revenue	34.3	50.3	96.0	169.8	268.0	562.4	963.1	1,091.7	1,223.8	1,379.3
	Expenditure	37.6	61.1	93.0	167.5	303.4	543.3	976.8	1,115.2	1,311.6	1,621.7
	Surplus (+) or Deficit (-)	-3.3	-10.8	+3.0	+2.3	-35.4	+18.5	-13.7	-23.5	-87.8	-242.4
Arunachal Pradesh	Revenue	..	..	..	..	..	24.1	47.8	62.5	65.8	90.5
	Expenditure	..	..	..	..	..	19.9	52.3	61.4	72.0	89.5
	Surplus (+) or Deficit (-)	..	..	..	..	..	+4.2	-4.5	1.1	-6.2	1.0
Goa, Daman and Diu	Revenue	..	..	..	6.5	13.4	28.4	50.3	51.9	61.7	74.9
	Expenditure	..	..	..	7.4	13.0	29.3	45.5	52.0	66.1	76.1
	Surplus (+) or Deficit (-)	..	..	..	-0.9	+0.4	-0.9	+4.7	-0.1	-4.4	-1.2
Mizoram (1)	Revenue	..	..	..	..	..	33.4	51.7	51.8	49.2	82.0
	Expenditure	..	..	..	..	..	32.0	49.0	53.9	66.8	78.1
	Surplus (+) or Deficit (-)	..	..	..	..	..	1.4	+2.8	-2.1	-17.6	3.9
Pondi- cherry	Revenue	..	..	..	3.8	7.8	16.4	27.4	37.1	34.0	44.1
	Expenditure	..	..	..	3.6	7.8	16.5	27.0	33.0	39.1	45.3
	Surplus (+) or Deficit (-)	..	..	..	+0.2	-	-0.1	+0.4	4.1	-5.1	-1.2

(1) Prior to 1972-73, data for Mizoram were included under 'Assam'.

## NATIONAL FINANCE

Table 181- COMMODITY-WISE DETAILS OF REVENUE FROM CUSTOMS DUTIES

(Rs. lakhs)

	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	
	1	2	3	4	5	6	7	8	9
Imports									
1. Fruits, dried and fresh	1,052	3,182	5,060	4,540	4,676	6,680	6,265	7,687	
2. Animals (including fish) fats and oils, crude, refined or purified	-	246	839	140	149	-	-	-	
3. Fixed vegetable oils, fluid or solid, crude, refined or purified	873	4,312	4,080	7,250	4,908	-	-	-	
4. Ethyl alcohol or neutral spirits and denatured spirits	-	3	60	163	146	-	-	-	
5. Alcoholic beverages and liquors	156	153	285	282	272	533	862	783	
6. Mineral substances	-	2,531	8,649	5,875	5,735	7,559	8,947	12,018	
7. Ores, slag and ash	-	721	666	3,655	3,739	4,691	5,367	7,278	
8. Motor spirit	908	795	185	371	568	-	-	-	
9. Kerosene	3,761	8,347	8,004	11,603	10,133	-	-	-	
10. High speed diesel oil & vaporising oil	2,577	12,671	6,961	9,772	3,274	-	-	-	
11. Industrial fuel oils	952	1,712	84	282	80	-	-	-	
12. Lubricating oil	1,388	5,470	1,683	4,737	8,662	-	-	-	
13. Other mineral fuels, oils, waxes and bituminous substances	675	4,879	2,465	6,610	3,499	5,557	8,383	16,043	
14. Petroleum oils and oils obtained from bituminous minerals, crude	1,288	1,588	2,454	13,792	87,398	85,694	186,192	191,674	
15. Chemicals other than pharmaceutical and miscellaneous chemicals	10,568	25,204	47,729	70,932	84,793	92,689	98,770	139,673	
16. Dye intermediates	691	334	896	1,481	1,995	-	-	-	
17. Pharmaceutical chemicals & products	-	4,162	6,379	8,100	9,196	646	773	1,109	
18. Fertilisers	18,585	1,996	118	97	406	-	-	-	
19. Dyes, colours, paints and varnishes	605	2,342	4,756	5,270	5,934	9,880	9,065	10,028	
20. Essential oils, resinoids and toilet preparations	137	680	816	1,099	1,280	1,993	2,060	2,305	
21. Photographic & Cinematographic goods	240	1,497	983	7,150	9,428	11,342	13,090	15,539	
22. Artificial resins, plastic materials and articles thereof	3,583	14,212	23,132	30,585	47,977	59,677	70,260	86,895	
23. Rubber and articles thereof	695	3,373	7,930	10,413	11,409	16,515	14,940	17,436	
24. Pulp, paper, paperboard and articles thereof	3,302	4,526	7,760	10,331	13,925	13,647	10,616	12,289	
25. Silk and silk manufactures	2,048	339	1,147	1,300	1,358	1,449	1,649	1,056	
26. Man-made fibers	-	15,972	14,078	11,100	15,268	12,604	15,273	18,231	

Source: Directorate of Statistics and Intelligence,  
(Central Excise and Customs), Ministry of Finance

## NATIONAL FINANCE

Table 181-COMMODITY-WISE DETAILS OF REVENUE FROM CUSTOMS DUTIES-contd.

(Rs. lakhs)

Commodities	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
1	2	3	4	5	6	7	8	9
Imports-contd.								
27. Man-made staple fibres	1,077	9,163	10,483	6,786	13,792	15,023	4,562	3,637
28. Wool, raw and wool tops	1,155	2,341	1,524	3,828	3,536	1,661	3,639	4,679
29. Cotton raw	740	2	203	148	738	-	-	-
30. Glass and glassware	379	1,610	2,255	2,810	3,577	4,377	4,611	6,531
31. Iron and steel	15,425	40,011	54,395	78,449	99,822	118,345	134,034	137,895
32. Copper	2,610	14,997	20,511	19,378	31,852	23,844	40,077	43,125
33. Nickel	538	2,004	3,355	4,733	4,063	3,738	6,379	9,926
34. Aluminium	585	1,455	1,319	3,087	4,196	6,156	5,633	3,602
35. Lead	538	1,850	2,169	2,351	2,734	3,288	2,985	4,618
36. Zinc	1,444	4,534	6,699	9,631	10,981	9,897	15,955	15,582
37. Tin	625	1,326	2,157	3,029	2,952	2,803	2,139	3,248
38. Other base metals	1,699	1,200	1,932	2,409	2,662	2,614	2,597	3,271
39. Tools, implements and other miscellaneous articles of base metals	983	2,233	4,165	4,813	5,322	5,779	4,813	5,803
40. Machinery, mechanical appliances and electrical machinery	32,220	78,990	172,918	206,209	217,322	206,268	194,557	254,797
41. Railway locomotives and materials	682	2,372	3,000	2,736	2,388	3,320	3,120	7,848
42. Motor vehicles and parts thereof	5,863	5,323	10,910	14,112	20,044	25,279	23,476	26,490
43. Aircraft and vessels	361	2,689	3,538	4,399	9,415	9,915	6,260	5,541
44. Optical, photographic, cinematographic, measuring medical and surgical instruments	1,781	5,904	10,882	13,311	17,602	21,216	17,517	19,272
45. Baggage	-	-	-	31,139	42,097	37,733	36,450	45,339
46. Wireless instruments and apparatus	761	-	-	-	-	-	-	-
47. Seeds	190	-	-	-	-	-	-	-
48. Ball & roller bearing	176	-	-	-	-	11,061	11,943	14,063
49. All other articles	10,512	40,355	92,127	66,848	125,896	104,140	124,946	161,965
Total-Import duties(Gross)(1)	136,021	339,606	561,745	707,136	957,199	1,150,673	1,382,462	1,601,907
Refunds	-6,935	-6,568	-5,974	8,292	9,952	11,621	14,468	18,073
Drawbacks	-	-10,106	-12,939	15,398	16,368	18,153	27,470	29,209
Total-Import duties(Net)	129,086	322,932	542,832	683,446	930,879	1,120,899	1,340,524	1,554,625

(1) Including productive duties (gross).



## NATIONAL FINANCE

Table 181-COMMODITY-WISE DETAILS OF REVENUE FROM CUSTOMS DUTIES-contd.

(Rs.lakhs)

Commodities	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
1	2	3	4	5	6	7	8	9
<b>Exports</b>								
1.Jute Manufactures	558	1,477	-	-	-	-	-	-
2.Raw Cotton	286	597	206	90	-	-	-	-
3.Coffee	451	2,733	3,624	3,700	4,087	5,632	1,826	611
4.De-oiled groundnut meal	1,255	629	-	-	-	-	-	-
5.Cotton Waste	78	44	77	37	-	-	-	-
6.Tobacco (unmanufactured)	522	597	631	612	(a)	-	-	-
7.Mica	307	474	570	541	540	464	157	201
8.Hides,skins and leathers	2,373	852	434	587	752	676	963	527
9.Manganese ore	104	76	128	92	-	-	-	-
10.Lumpy iron ore	1,202	1,184	661	780	(a)	-	-	-
11.Iron ore fines(including Blue Dust)	333	418	428	407	-	-	-	-
12.Manganese Dioxide	2	10	4	3	-	-	-	-
13.Sillimapite	1	1	-	4	-	-	-	-
14.Steatic (Talc)	8	-	-	-	-	-	-	-
15.Kyanite	9	1	-	-	-	-	-	-
16.Chrome concentrates	-	210	40	93	-	-	-	-
17.Raw wool	71	-	-	-	-	-	-	-
18.Groundnut	-	1,253	-	-	-	-	-	-
19.Animal feed	-	4	1	-	(a)	-	-	-
20.Cardamom	-	177	-	9	-	-	-	-
21.Black Pepper	293	-	8	1	1,134	1,518	1,904	1,189
22.Barytes	-	150	69	-	-	-	-	-
23.Turmeric	-	142	-	-	-	-	-	-
24.Turmeric Powder	-	36	-	-	-	-	-	-
25.Tea	-	-	-	-	-	-	-	-
26.Other articles	15	4	77	9	516	22	14	31
27.Coir and Coir manufactures	130	-	-	-	-	-	-	-
28.De-oiled groundnut cakes	-	-	-	-	-	-	-	-
Total-Export duties(Gross)	8,591	11,069	6,958	6,965	7,029	8,312	4,864	2,559
Refunds	-263	-321	-57	217	239	103	159	280
Total-Export duties(Net)	8,328	10,748	6,901	6,748	6,790	8,209	4,705	2,279

(a) Included in 'other articles'.

## NATIONAL FINANCE

Table 181-COMMODITY WISE DETAILS OF REVENUE FROM CUSTOMS DUTIES-concld.

(Rs.lakhs)

Commodities	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
1	2	3	4	5	6	7	8	9
Cesses on Exports								
1.Coffee	54	99	84	68	117	103	127	253
2.Coir	2	1	4	1	5	5	5	6
3.Lac	2	3	2	1	1	2	2	2
4.Mica	57	96	109	104	98	98	120	136
5.Tobacco (unmanufactured)	4	102	113	111	109	106	78	77
6.Oilcakes and meal	27	38	31	27	18	36	29	29
7.Marine Products	-	142	232	274	293	392	362	439
8.Cashew Kernel	66	80	96	83	93	140	222	216
9.Hides and skins	-	-	-	-	-	-	-	-
10.Black Pepper	5	16	8	7	50	65	119	127
11.Cardamom (Act 65)	46	95	17	137	113	56	10	25
12.Cardamom (AP Cess)		258	3	72	55	13	10	19
13.Other agricultural produce	244		410	344	356	426	501	510
14.Iron ore	58	74	119	150	157(a)	153	157	189
15.Animal Feed	-	16	28	20	19	12	37	80
16.Turmeric	-	2	2	3	4	13	7	29
17.Turmeric Powder	-	1	2	3	2	2	2	7
18.Other articles	-	8	25	31	34	116	676	860
19.Tobacco (manufactured)	27	-	-	-	-	-	-	-
20.Raw wool	1	-	-	-	-	-	-	-
Total-Export cess duties (Gross)	-	1,031	1,285	1,436	1,524	1,738	2,464	3,005
Refunds	-	-17	-57	17	14	19	20	41
Total-Export cess duties (Net)	-	1,014	1,228	1,419	1,510	1,719	2,444	2,964
Other Receipts (Gross)	3,378	3,665	6,035	7,971	12,726	16,343	16,148	15,924
Refunds	-242	-374	-78	140	148	98	247	283
Other Receipts (Net)	3,136	3,291	5,957	7,831	12,578	16,245	15,901	15,641
Total-Customs								
Revenue (Gross)	147,990	355,371	576,023	723,508	978,478	1,177,066	1,405,938	1,623,395
Refunds and Drawbacks	-7,440	-17,386	-19,105	24,064	26,721	29,994	42,364	47,886
Total-Customs								
Revenue (Net)	140,550	337,985	556,918	699,444	951,757	1,147,072	1,363,574	1,575,509

(a) Relates to Iron ore only.

## NATIONAL FINANCE

Table 182-REVENUE FROM UNION EXCISE DUTIES

(Rs.crores)

	1975-76	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	
	1	2	3	4	5	6	7	8	9	10	11
1. Gross excluding cesses	3,855	6,131	6,481	7,388	7,820	9,262	10,024	11,969	13,313	14,577	
2. Cesses	86	119	105	170	307	1,031	1,045	1,101	1,232	2,060	
3. Total Gross [1+2]	3,942	6,250	6,587	7,557	8,127	10,293	11,069	13,070	14,544	16,637	
4. Refunds and Drawback	97	102	108	113	132	89	81	63	56	84	
5. Total Net [3-4]	3,844	6,148	6,479	7,444	7,995	10,204	10,987	13,008	14,489	16,553	

Source: Directorate of Statistics and Intelligence  
(Central Excise and Customs), Ministry of Finance

## NATIONAL FINANCE

Table 183—RECEIPTS AND EXPENDITURE UNDER CORPORATION TAX AND TAX ON INCOME OTHER THAN CORPORATION TAX

(Rs.'000)

Head of Account	1978-79	1980-81	1981-82	1982-83	1984-85
1	2	3	4	5	6
<b>Corporation Tax:</b>					
1.Total Minor Head-Other Receipts	60,324	66,857	49,571	144,993	108,937
Penalties under sec. 271 (1) (C) of the I.T. Act, 1961	786	29,777	44,361	134,081	4,723
Penalties other than under Sec.271 (1) (C) of I.T.Act, 1961	5,962	3,365	3,983	4,127	8,577
Interest Recoveries	54,278	35,221	45,796	33,085	93,816
Other items (includes the proceed if any by way of Excess Profits Tax, Business Profits Tax, Super Tax and Super Profit Tax)	10,247	18,936	11,379	7,286	11,459
Total Except Deduct Refunds	71,273	87,299	105,519	178,578	118,575
Deduct Refunds	10,949	20,442	55,948	33,585	9,638
2.Total Minor Head-Income Tax on Companies	11,761,033	12,885,503	18,490,089	20,298,548	24,416,858
Advance Payment of Tax	9,749,851	10,751,767	15,325,159	17,690,457	21,960,950
Collection from Self Assessment	945,343	1,156,962	1,707,355	1,266,288	1,217,016
Collection from Regular Assessment	1,341,129	1,285,447	1,864,040	1,500,661	2,429,591
Deduction from Intt. on securities under Section 193 of I.T.Act.1961	107,245	181,780	339,463	177,308	445,836
Deduction from Interest Payments other than Interest on Securities under Sec. 194-A of the Income Tax Act, 1961	205,853	418,683	473,890	733,638	732,910
Deduction from Dividends under Sec. 194 of I.T.Act, 1961	556,641	671,959	705,602	830,099	905,974
Deductions under Sec. 195 of Income Tax Act,1961 and other Deductions at source	111,718	285,213	186,729	261,650	319,888
Deductions from Winning from Horse Races under Sec. 194-BB of Income Tax Act,1961	-	2,482	5,041	957	13,368
Deductions from Payment to Insurance Commission etc. under Sec. 194-D of the Income Tax Act,1961	6,354	5,677	6,469	10,634	31,481
Deductions from Payment to contractors and Sub-Contractors under Sec.194-C of the Income Tax,1961	94,034	146,842	187,938	205,302	262,452
Deductions from Prize Winning from lotteries and Cross word Puzzles under Section 194-B of the Income Tax Act 1961	14,067	3,944	16,497	23,166	20,468
Total Except Deduct Refunds	13,132,235	14,910,756	20,818,183	22,700,162	28,339,933
Deduct Refunds	1,371,202	2,025,253	2,328,094	2,401,614	3,923,075
3.Total Minor Head-Sur Tax	475,935	230,661	487,330	713,650	540,384
All Collections	491,818	246,516	498,797	723,546	553,360
Deduct Refunds	15,883	15,855	11,467	9,887	12,977
4.Total Minor Head-Surcharge	449,063	591,522	672,650	460,862	490,662
All collections including deductions	463,133	625,254	713,091	487,276	527,723
Deduct Refunds	14,070	33,732	40,441	26,414	37,061
Total Minor Heads [1 to 4]	12,746,355	13,774,543	19,699,640	21,618,063	25,556,841
Receipts Awaiting Transfer to other Minor Heads	-	-	-	25,333	-
Total Corporation Tax	12,746,355	13,774,543	19,699,640	21,643,396	25,556,841

Source: Chief Controller of Accounts, Central Board of Direct Taxes

## NATIONAL FINANCE

Table 183-RECEIPTS AND EXPENDITURE UNDER CORPORATION TAX AND TAX ON INCOME OTHER THAN CORPORATION TAX

(Rs.'000)

Head of Account	1985-86	1986-87	1987-88	1988-89
1	7	8	9	10
Corporation Tax:				
1.Total Minor Head-Other Receipts . . . .	362,590	221,704	190,190	5,159,997
Penalties under sec. 271 (1) (C) of the I.T. Act, 1961 . . . .	380,856	69,047	13,643	17,858
Penalties other than under Sec.271 (1) (C) of I.T.Act, 1961 . . . .	6,270	15,020	13,874	143,234
Interest Recoveries . . . .	215,652	98,452	137,000	308,614
Other items (includes the proceed if any by way of Excess Profits Tax, Business Profits Tax, Super Tax and Super Profit Tax) . . . .	15,972	53,694	35,060	50,942
Total Except Deduct Refunds . . . .	618,750	236,214	199,577	520,649
Deduct Refunds . . . .	256,159	14,509	9,387	4,652
2.Total Minor Head-Income Tax on Companies . . . .	26,700,692	30,515,785	33,700,251	142,206,702
Advance Payment of Tax . . . .	20,827,265	24,546,123	24,234,240	32,918,313
Collection from Self Assessment . . . .	2,176,822	2,633,655	1,952,763	3,371,041
Collection from Regular Assessment . . . .	4,958,213	4,315,080	6,161,981	4,924,918
Deduction from Intt. on securities under Section 193 of I.T.Act.1961 . . . .	465,335	497,125	4,155,974	3,879,692
Deduction from Interest Payments other than Interest on Securities under Sec. 194-A of the Income Tax Act, 1961 . . . .	1,669,132	1,517,349	1,539,998	787,217
Deduction from Dividends under Sec. 194 of I.T.Act, 1961 . . . .	665,381	784,769	839,062	1,372,281
Deductions under Sec. 195 of Income Tax Act,1961 and other Deductions at source . . . .	518,767	536,129	885,550	1,407,388
Deductions from Winning from Horse Races under Sec. 194-BB of Income Tax Act,1961 . . . .	12,647	4,539	6,424	34,847
Deductions from Payment to Insurance Commission etc. under Sec. 194-D of the Income Tax Act,1961 . . . .	8,175	20,915	23,205	23,081
Deductions from Payment to contractors and Sub-Contractors under Sec.194-C of the Income Tax,1961 . . . .	677,279	846,716	796,335	849,336
Deductions from Prize Winning from lotteries and Cross word Puzzles under Section 194-B of the Income Tax Act 1961 . . . .	33,189	45,255	62,482	51,435
Collection at source under Sec.206-C of the Income Tax 1961 from Alcoholic Liquor sales . . . .	..	..	..	5,825
Collection at source under Sec.206-C of the Income Tax 1961 from forest produce sales . . . .	..	..	..	4
Total Except Deduct Refunds . . . .	32,012,205	35,747,655	40,658,021	49,625,379
Deduct Refunds . . . .	5,311,513	5,231,870	6,957,770	7,418,677
3.Total Minor Head-Sur Tax . . . .	688,846	726,600	243,444	89,523
All Collections . . . .	763,711	779,705	307,008	94,328
Deduct Refunds . . . .	74,865	53,105	63,565	4,806
4.Total Minor Head-Surcharge . . . .	..	..	..	537,287
Advance payment of Tax . . . .	..	..	..	1,259
Deduction of Tax at Source . . . .	..	..	..	166,800
Self assesment collection . . . .	..	..	..	-
All other collection . . . .	..	..	..	388,636
Total Except Deduct Refund . . . .	..	..	..	556,695
Deduct Refunds . . . .	..	..	..	19,408
Total Minor Heads [1 to 4] . . . .	28,337,075	31,599,632	34,350,196	43,349,509
Receipts Awaiting Transfer to other Minor Heads . . . .	-	-	-	716,078
Total Corporation Tax . . . .	28,337,075	31,599,632	34,350,196	44,065,587

## NATIONAL FINANCE

Table 183-RECEIPTS AND EXPENDITURE UNDER CORPORATION TAX AND TAX ON INCOME OTHER THAN CORPORATION TAX  
-contd.  
(Rs. '000)

Head of Account	1978-79	1980-81	1981-82	1982-83	1984-85
1	2	3	4	5	6
<b>Taxes on Income Other Than Corporation Tax-</b>					
1.Total Minor Head-Other Receipts	130,873	105,516	138,974	124,690	188,084
Panalties under Section 271 (1)(C) of the I.T. Act, 1961	8,908	13,611	27,493	36,617	12,090
Panalties other than under Sec. 271(1)(C) of I.T.Act,1961	44,572	30,687	28,358	26,642	38,947
Interest Recoveries	81,885	66,143	74,677	82,598	128,932
Other items	8,636	39,467	63,577	35,675	29,864
Total except Deduct Refunds	144,001	149,908	194,105	181,532	209,834
Deduct Refunds	13,128	44,392	55,131	56,842	21,750
2.Total Minor Head-Surcharge	1,314,214	1,224,235	1,080,095	1,074,952	1,667,374
Advance Payment of Tax	736,847	651,821	687,560	713,028	925,940
Deduction of Tax at Source	385,699	359,684	289,004	293,713	644,041
Self Assessment Collections	190,906	250,172	147,556	154,146	207,674
All Other Collections	159,037	182,037	160,132	133,359	141,813
Total Except Deduct Refunds	1,472,489	1,443,724	1,284,252	1,294,245	1,919,467
Deduct Refunds	158,275	219,489	204,157	219,293	252,093
3.Total Minor Head-I.T.on Union Emoluments etc.	152,626	171,773	103,338	15,937	247,671
Income Tax on union Emoluments including Pensions- Collection including Deductions	161,024	172,138	103,816	16,617	248,429
Deduct Refunds	8,398	365	478	680	758
4.Total Minor Head-I.T.on other than U.E. etc.	9,941,831	12,897,796	13,432,606	13,048,696	17,128,220
Income Tax on other than Union Emoluments including Pensions-					
Advance Payments of Tax	4,912,313	6,518,207	6,875,602	7,130,278	7,407,517
Collections from Self Assessment	1,272,708	1,250,860	1,475,556	1,541,459	1,661,390
Collections from Regular Assessment including Proceeds of Super Tax	1,168,934	1,213,579	1,245,787	1,038,705	1,335,568
Deductions under Section 192 from Government Employees other than Union Government employees	281,835	365,902	349,075	391,389	585,369
Deductions Under Sec.192 from employees other than Govt. employees	1,566,552	2,268,744	1,882,934	2,244,481	3,222,072
Deduction from Intt. on Securities under Sec.193 of Income Tax Act,1961	766,662	1,065,929	1,144,661	297,124	2,250,613
Deductions from Dividends under Sec.194 of I.T., Act,1961	128,619	132,682	178,509	182,938	237,401
Deductions from Interest Payment other than 'Interest on Securities' under Sec. 194-A of the Income Tax Act,1961	359,873	540,826	625,113	690,645	900,817
Deductions from Prize Winning in Lotteries and Cross Word Puzzles under Section 194-B of the Income Tax Act,1961	24,568	26,774	24,893	36,051	67,749
Deductions from Winning from Horse races under Sec.194-BB of Income Tax Act,1961	-	14,015	15,034	10,023	20,327
Deductions from Payments to Contractors and Sub- Contractors under Sec.194-C of the Income Tax Act,1961	553,331	899,730	1,059,145	1,059,739	1,649,561
Deductions from Insurance Commission etc. under Sec. 194-D of the Income Tax Act,1961	27,878	34,228	41,871	76,943	62,902
Deductions under Sec. 195 of the Income Tax Act, 1962 & other Deductions at Source(U/S 80 E etc)	31,955	29,217	102,948	55,626	92,031
Collections under Excess Profit Tax Act,1940	1,056	2	119	405	6,130
Collections under Business Profits Tax Act,1947	71	14	17	99	2,178
Total Except Deduct Refunds	11,096,355	14,360,689	15,021,264	14,755,909	19,501,627
Deduct Refunds	1,154,524	1,462,893	1,588,658	1,707,214	2,373,408
Total Minor Heads [1 to 4]	11,539,544	14,399,320	14,755,013	15,802,580	19,231,349
Receipts Awaiting Transfer to other Minor Heads	-	-	-	84,751	-23
Total taxes on income other than Corporation tax	11,539,544	14,399,320	14,755,013	15,687,331	19,231,327

Note: The accounts format was revised from the year 1978-79.

## NATIONAL FINANCE

Table 183-RECEIPTS AND EXPENDITURE UNDER CORPORATION TAX AND TAX ON INCOME OTHER THAN CORPORATION TAX  
 -concl'd.  
 (Rs.'000)

Head of Account	1985-86	1986-87	1987-88	1988-89
1	7	8	9	10
<b>Taxes on Income Other Than Corporation Tax-</b>				
1.Total Minor Head-Other Receipts . . . .	258,608	268,285	260,901	330,593
Penalties under Section 271 (1)(C) of the I.T. Act, 1961 . . . .	25,141	10,466	15,110	20,256
Penalties other than under Sec. 271(1)(C) of I.T.Act,1961 . . . .	49,354	68,098	54,384	70,976
Interest Recoveries . . . .	187,277	173,876	177,850	197,175
Other items . . . .	11,227	25,196	20,358	46,619
Total except Deduct Refunds . . . .	272,999	277,637	267,702	335,026
Deduct Refunds . . . .	14,391	9,352	6,802	4,433
2.Total Minor Head-Surcharge . . . .	1,595,819	487,504	402,022	350,556
Advance Payment of Tax . . . .	766,309	221,906	173,754	136,866
Deduction of Tax at Source . . . .	562,387	118,224	201,806	174,015
Self Assessment Collections . . . .	300,228	149,830	37,680	33,895
All Other Collections . . . .	193,033	81,786	20,455	14,018
Total Except Deduct Refunds . . . .	1,821,958	571,746	433,695	358,794
Deduct Refunds . . . .	226,139	84,242	31,673	8,238
3.Total Minor Head-I.T.on Union Emoluments etc. . . .	31,048	272,318	877,786	728,014
Income Tax on union Emoluments incldg. Pensions-Collection including Deductions . . . .	32,269	274,021	879,244	728,385
Deduct Refunds . . . .	1,221	1,703	1,459	371
4.Total Minor Head-I.T.on other than U.E. etc. . . .	20,539,643	27,719,964	30,407,545	40,884,706
Income Tax on other than Union Emoluments including Pensions-Advance Payments of Tax . . . .	9,745,437	11,470,057	14,225,745	20,491,199
Collections from Self Assessment . . . .	2,794,758	7,198,605	4,184,294	4,545,981
Collections from Regular Assessment including Proceeds of Super Tax . . . .	2,126,271	1,862,111	2,058,638	1,950,241
Deductions under Section 192 from Government Employees other than Union Government employees . . . .	907,559	881,317	1,005,692	1,551,837
Deductions Under Sec.192 from employees other than Govt. employees . . . .	3,251,396	3,522,285	4,698,671	5,346,408
Deduction from Intt. on Securities under Sec.193 of Income Tax Act,1961 . . . .	834,645	1,123,922	1,666,839	3,102,145
Deductions from Dividends under Sec.194 of I.T., Act,1961 . . . .	301,658	436,161	566,773	701,229
Deductions from Interest Payment other than Interest on Securities' under Sec. 194-A of the Income Tax Act,1961 . . . .	1,261,500	1,357,470	1,742,071	1,833,635
Deductions from Prize Winning in Lotteries and Cross Word Puzzles under Section 194-B of the Income Tax Act,1961 . . . .	88,240	188,641	386,307	318,524
Deductions from Winning from Horse races under Sec.194-BB of Income Tax Act,1961 . . . .	35,251	14,277	51,721	170,165
Deductions from Payments to Contractors and Sub-Contractors under Sec.194-C of the Income Tax Act,1961 . . . .	1,974,600	2,594,731	3,027,909	4,001,420
Deductions from Insurance Commission etc. under Sec. 194-D of the Income Tax Act,1961 . . . .	85,621	152,766	232,313	228,543
Deductions under Sec. 195 of the Income Tax Act, 1962 & other Deductions at Source(U/S 80 E etc) . . . .	149,421	162,631	235,008	564,494
Collections under Excess Profit Tax Act,1940 . . . .	7,142	4,784	11,305	21,937
Collections under Business Profits Tax Act,1947 . . . .	1,434	11,258	5,869	12,296
Collection at source under Sec.206-C of the Income Tax 1961 from Alcoholic Liquor sales . . . .	..	..	..	36,921
Collection at source under Sec.206-C of the Income Tax 1961 from forest produce sales . . . .	..	..	..	44,192
Total Except Deduct Refunds . . . .	23,564,933	30,981,016	34,071,978	44,921,167
Deduct Refunds . . . .	3,025,290	3,261,051	3,703,135	4,036,461
Total Minor Heads [1 to 4] . . . .	22,307,371	28,748,071	31,948,254	42,293,868
Receipts Awaiting Transfer to other Minor Heads . . . .	2,125	32,431	14,752	87,721
Total taxes on income other than Corporation tax . . . .	25,101,548	28,780,502	31,933,502	42,381,589

## NATIONAL FINANCE

Table 184-ECONOMIC CLASSIFICATION OF THE CENTRAL BUDGET

ACCOUNTS 1- TRANSACTIONS IN COMMODITIES AND SERVICES AND TRANSFERS-CURRENT ACCOUNT  
OF GOVERNMENT ADMINISTRATION

(Rs. crores)

	1950- 51	1955- 56	1960- 61	1965- 66	1970- 71	1975-76 Acco- unts	1980-81 Acco- unts	1985-86 Acco- unts	1987-88 Revised	1988-89 Budget	
	1	2	3	4	5	6	7	8	9	10	11
Revenue-											
Tax Receipts	357.0	411.4	729.1	1,782.6	2,434.2	5,986.1	9,347.1	21,140.3	28,337.3	31,890.4	
Taxes on income and wealth	127.7	114.1	199.8	465.6	500.1	1,454.4	1,972.4	3,754.8	4,563.8	5,179.2	
Taxes on commodities and transactions	229.3	297.3	528.4	1,316.6	1,934.1	4,531.7	7,374.7	17,385.5	23,773.5	26,711.2	
Tax on expenditure	..	-	0.9	0.4	-	-	-	-	-	-	
Income from Property and Enterprises	29.6	57.4	164.1	373.6	571.0	1,017.8	2,025.6	4,507.3	6,649.8	7,722.6	
Profits transferred by departmental commercial undertakings	12.5	10.8	7.2	26.5	36.0	8.3	-2.2	20.7	6.7	(-)-25.4	
Dividends paid by Non departmental commercial undertakings.	-	-	2.0	6.7	17.9	36.8	81.9	305.2	344.0	362.0	
Profits of the Reserve Bank	9.9	20.0	40.0	50.0	75.0	150.0	210.0	210.0	210.0	210.0	
Trading profits.	-	2.3	39.0	74.0	-	-	-	-	-	-	
Interest receipts-											
From States and Union Territories	3.3	18.2	57.8	151.8	259.0	456.8	889.1	1,872.3	3,212.0	3,867.0	
From Others	2.2	3.5	14.8	59.6	174.7	249.0	713.7	1,907.7	1,797.3	2,980.8	
Other income from property	1.7	2.6	3.3	4.6	8.4	116.9	133.1	191.4	1,079.8	1,248.2	
Fees and Miscellaneous Receipts	27.9	29.9	56.8	59.7	127.7	312.1	447.2	1,153.0	1,763.6	1,573.8	
Total	414.5	498.7	950.0	2,215.9	3,132.9	7,316.0	11,819.9	26,800.6	36,750.7	41,186.8	
Expenditure											
Consumption Expenditure	234.7	269.1	456.2	1,109.1	1,669.4	3,449.2	5,174.0	11,210.4	16,732.4	18,743.4	
Wages and Salaries.	124.1	157.5	245.6	523.4	839.2	1,856.5	2,458.0	5,094.0	7,487.9	8,255.8	
Commodities and services	110.6	111.6	210.6	585.7	830.2	1,592.7	2,716.0	6,116.4	9,244.5	10,487.6	
Transfer Payments	110.9	202.8	425.4	753.8	1,239.1	3,017.7	6,911.6	18,347.4	25,634.0	29,967.6	
Interest	32.0	56.2	125.7	261.9	431.6	962.0	2,258.4	7,090.2	10,579.6	12,881.9	
Grants											
to States & Union Territories	21.3	87.5	194.6	297.5	465.8	1,097.0	1,776.3	3,826.5	4,938.8	5,666.9	
to Local authorities	(a)	(a)	9.5	10.0	12.8	19.6	33.1	95.2	38.3	44.5	
to others	6.5	9.7	48.5	102.9	174.9	308.2	611.2	1,618.0	2,640.4	2,969.9	
Other Current Transfer											
Subsidies	26.1	23.5	26.3	47.5	94.2	489.7	1,911.7	5,069.8	6,244.7	7,158.8	
Pensions	17.7	13.6	14.2	22.6	44.3	114.6	267.4	526.3	977.0	1,110.6	
Others	4.3	12.3	8.6	11.4	15.5	46.6	58.5	121.4	215.2	285.0	
Saving on Current Account	68.9	26.8	68.4	353.0	224.4	849.1	-265.7	-2,757.2	(-)-5,615.-	-7,514.2	
Total	414.5	498.7	950.0	2,215.9	3,132.9	7,316.0	11,819.9	26,800.6	36,750.7	41,186.8	

(a) Included under 'Others'

Source: Economic Division, Ministry of Finance



## NATIONAL FINANCE

Table 184-ECONOMIC CLASSIFICATION OF THE CENTRAL BUDGET-contd.

ACCOUNTS 2- TRANSACTIONS IN COMMODITIES AND SERVICES AND TRANSFERS- CURRENT ACCOUNT OF  
DEPARTMENTAL COMMERCIAL UNDERTAKINGS

(Rs. crores)

	1950-51	1955-56	1960-61	1965-66	1970-71	1975-76 Acco- unts	1980-81 Acco- unts	1985-86 Acco- unts	1987-88 Revised	1988-89 Budget	
	1	2	3	4	5	6	7	8	9	10	11
Revenue-											
Gross sale proceeds	305.1	376.3	551.1	888.4	1,322.2	2,667.1	4,459.0	10,411.4	13,626.6	15,400.6	
Railways	263.0	316.3	460.4	733.7	1,006.9	1,775.5	2,703.5	6,590.7	8,709.0	9,663.4	
Manufacturing activity of Railways,workshops and production units	-	-	-	-	-	293.0	509.9	942.9	1,346.4	1,512.1	
Posts	36.4	50.4	77.2	137.8	271.1	423.6	910.0	476.8	655.0	774.2	
Telecommunications	-	-	-	-	-	-	-	1,309.8	1,745.0	2,306.0	
Others	5.7	9.6	13.5	16.9	44.2	115.0	335.6	1,091.2	1,171.2	1,144.9	
Interest receipts	4.7	5.4	3.7	8.8	10.3	3.7	35.7	25.7	21.0	19.2	
Total	309.8	381.7	554.8	897.2	1,332.5	2,670.8	4,494.7	10,437.1	13,647.6	15,419.8	
Expenditure-											
Wages and Salaries	102.1	129.4	177.4	289.0	453.3	992.1	1,437.8	2,817.1	3,922.5	4,709.5	
Pension payments	1.6	2.5	3.9	6.2	14.0	41.9	141.5	454.0	785.6	757.8	
Commodities and Services	51.8	51.5	104.2	160.9	236.3	579.6	1,258.2	2,672.1	3,230.2	3,613.9	
Repairs and maintenance	59.2	82.0	105.0	161.6	259.5	679.3	1,000.7	2,351.4	2,962.9	3,189.9	
Interest	27.2	32.9	57.0	96.1	155.0	228.0	389.7	806.1	1,074.6	1,259.6	
Provision for deprec- iation	30.8	46.6	54.3	95.0	122.8	161.5	305.8	1,121.0	1,570.0	1,758.4	
Profits transferred to current account of Government (Administration)	12.5	10.8	7.2	26.5	36.0	8.3	-2.2	20.7	6.7	-25.4	
Retained profits of departmental commer- cial undertakings	26.4	26.0	45.8	61.9	55.6	-19.9	-36.8	194.7	95.1	156.1	
Total	309.8	381.7	554.8	897.2	1,332.5	2,670.8	4,494.7	10,437.1	13,647.6	15,419.8	

## NATIONAL FINANCE

Table 184-ECONOMIC CLASSIFICATION OF THE CENTRAL BUDGET-contd.

ACCOUNTS 3- TRANSACTIONS IN COMMODITIES AND SERVICES AND TRANSFERS- CAPITAL ACCOUNT OF  
GOVERNMENT ADMINISTRATION AND DEPARTMENTAL COMMERCIAL UNDERTAKINGS

(Rs. crores)

	1950- 51	1955- 56	1960- 61	1965- 66	1970- 71	1975-76 Acco- unts	1980-81 Acco- unts	1985-86 Acco- unts	1987-88 Revised	1988-89 Budget
1	2	3	4	5	6	7	8	9	10	11
<b>Receipts</b>										
Gross Savings	124.3	99.4	168.5	509.9	402.8	990.7	3.3	-1,441.5	-3,950.6	-5,599.7
Savings on current a/c (Administration)	68.9	26.8	68.4	353.0	224.4	849.1	-265.7	-2,757.2	-5,615.7	-7,514.2
Retained profits of departmental commercial undertakings	24.0	26.0	45.8	61.9	55.6	-19.9	-36.8	194.7	95.1	156.1
Depreciation provision	30.8	46.6	54.3	95.0	122.8	-161.5	305.8	1,121.0	1,570.0	1758.4
Capital transfers	1.4	50.3	31.5	79.5	55.0	296.7	458.0	505.9	562.4	592.1
Gift tax and estate duties	-	-	1.1	2.1	4.0	8.5	10.4	-	-	-
Foreign grants	-	38.1	30.4	67.9	38.2	283.3	436.0	484.6	554.9	591.8
PL 480	-	-	3.7	60.0	2.1	-	-	-	-	-
Other Food Aid	-	38.1	26.7	-	36.1	-	-	-	-	-
Others	-	-	-	7.9	-	-	-	-	-	-
Other Capital Receipts	1.4	12.2	7.3	9.5	12.8	4.9	11.6	21.3	7.5	0.3
Balance: Deficit on all transactions commodities and services and transfers	-39.6	51.5	169.9	62.9	254.7	452.6	2,748.4	9,318.4	14,714.4	17,733.5
<b>Total</b>	<b>86.1</b>	<b>201.2</b>	<b>376.4</b>	<b>652.3</b>	<b>712.5</b>	<b>1,740.0</b>	<b>3,209.7</b>	<b>8,382.8</b>	<b>11,326.2</b>	<b>12,725.9</b>
<b>Disbursements</b>										
Gross fixed capital formation	79.5	177.4	301.2	549.1	485.0	949.6	1,751.2	4,451.5	5,673.9	7,151.3
Buildings and other construction	57.0	96.6	217.8	380.7	344.6	523.6	1,067.5	2,725.1	3,892.3	4,633.4
New Outlay	43.0	76.0	58.4	321.9	290.3	446.6	884.7	2,033.8	2,982.6	3,638.4
Renewals & replacements	14.0	19.9	25.0	58.8	44.3	79.0	182.8	691.3	909.7	995.0
Machinery & equipment	22.5	80.8	83.4	168.4	150.4	426.0	683.7	1,726.4	1,781.6	2,517.9
New Outlay	6.2	51.8	58.4	143.4	104.0	344.7	518.0	1,272.0	1,324.7	1,823.0
Renewal & replacements	16.3	29.0	25.0	25.0	46.4	81.3	165.7	454.4	456.9	694.9
Increase in inventories	0.6	-24.7	9.8	-28.7	34.3	254.7	-	-	-	-
Work stores	9.9	5.1	-38.4	1.2	8.3	17.6	156.3	106.2	239.8	149.4
Stock of food grains etc.	-9.3	-29.8	48.2	-29.9	26.0	237.1	-	-	-	-
Capital Transfers	6.0	48.5	65.4	131.9	193.3	535.7	1,302.2	3,825.1	5,412.5	5,425.2
Grants for capital formation										
To States and Union Territories	1.6	18.8	23.8	77.6	156.5	337.8	1,039.4	3,240.1	4,191.2	4,253.2
To non-departmental comm- ercial undertakings	-	9.7	27.4	20.7	7.2	82.9	54.7	5.7	1.6	1.5
To local authorities	(a)	(a)	0.1	1.1	0.1	6.3	13.4	53.3	132.6	113.9
To others	0.8	6.9	0.2	14.2	19.0	42.6	69.0	256.7	294.9	357.7
Gratuities and commuted value of pensions	1.0	0.7	1.1	2.3	10.4	16.8	68.4	201.8	585.2	490.1
Compensation paid to displaced persons	-	4.0	4.5	0.6	0.1	-	-	-	-	-
Other capital transfers	2.6	8.4	8.3	15.4	-	49.3	57.3	67.5	207.0	208.8
<b>Total</b>	<b>86.1</b>	<b>201.2</b>	<b>376.4</b>	<b>652.3</b>	<b>712.5</b>	<b>1,740.0</b>	<b>3,209.7</b>	<b>8,382.8</b>	<b>11,326.2</b>	<b>12,725.9</b>

(a) Included under 'others'.

## NATIONAL FINANCE

Table 184-ECONOMIC CLASSIFICATION OF THE CENTRAL BUDGET-contd.

ACCOUNTS 4-CHANGES IN FINANCIAL ASSETS-CAPITAL ACCOUNT OF GOVERNMENT  
ADMINISTRATION AND DEPARTMENTAL COMMERCIAL UNDERTAKINGS

(Rs. crores)

	1950- 51	1955- 56	1960- 61	1965- 66	1970- 71	1975-76 Acco- unts	1980-81 Acco- unts	1985-86 Acco- unts	1987-88 Revised	1988-89 Budget
	2	3	4	5	6	7	8	9	10	11
<b>Incomings</b>										
1. Sterling Pension Annuities	7.4	5.3	..	-	-	-	-	-	-	-
2. Repayment of Loans	9.7	34.1	121.0	373.1	893.5	1,085.3	1,084.8	2,238.8	3,872.4	3,943.7
By States & U.Ts.	8.1	25.2	95.5	276.3	658.2	650.0	706.1	1,416.4	2,524.7	2,906.9
By others	1.6	8.9	25.5	96.8	235.3	435.3	378.7	822.4	1,347.7	1,036.8
3. Balance: net Increase in Financial Assets	54.9	282.0	449.0	1,105.3	1,082.0	2,744.3	6,114.7	12,933.0	13,459.8	12,453.6
<b>Total</b>	<b>72.0</b>	<b>301.4</b>	<b>570.0</b>	<b>1,478.4</b>	<b>1,955.5</b>	<b>3,829.6</b>	<b>7,199.5</b>	<b>15,171.8</b>	<b>17,332.0</b>	<b>16,397.4</b>
<b>Outgoings</b>										
1. Investment in Shares of Government concerns	4.8	3.4	76.9	139.9	304.6	851.8	1,406.8	3,645.3	3,052.7	2,737.3
(i) Financial concerns	3.9	2.4	74.8	139.1	281.0	838.4	1,366.9	3,593.2	3,009.9	2,683.1
(ii) Others	-	0.1	0.4	0.5	85.8	57.0	55.4	90.0	195.7	121.5
of other concerns	3.9	2.3	74.4	138.6	195.2	781.4	1,311.5	3,503.2	2,814.2	2,561.6
	0.9	1.0	2.1	0.8	23.6	13.4	39.9	52.1	42.8	54.2
2. Loans for Capital Formation	41.5	291.8	426.2	1,031.5	881.8	2,137.5	4,521.3	9,718.4	12,625.4	12,888.1
To States & U.Ts.	39.5	256.4	295.5	661.8	583.7	1,095.5	2,626.4	6,813.4	8,712.2	8,725.8
To local authorities	0.6	4.8	6.2	16.4	36.7	107.2	94.4	211.2	457.1	490.7
To non-departmental Commercial undertakings	1.3	9.9	108.5	332.8	242.5	916.9	1,744.6	2,483.5	3,103.5	3,297.0
(i) Financial concerns	0.3	0.9	17.4	62.1	67.4	192.4	503.7	497.4	760.1	511.2
(ii) Others	1.0	9.0	91.1	270.7	175.1	724.5	1,240.9	1,986.1	2,343.4	2,785.8
To others	0.1	20.7	16.0	20.5	18.9	17.9	55.9	210.3	352.6	374.6
3. Other Loans	25.7	6.2	60.7	227.9	610.4	611.1	705.0	1,257.7	584.3	564.0
To States & U.Ts.	21.9	1.5	43.2	174.0	443.9	142.3	309.0	545.8	36.0	37.8
To local authorities	-	-	-	-	3.5	1.0	9.2	9.3	8.6	4.6
To non-departmental commercial undertakings	-	-	-	-	59.7	196.1	243.3	552.8	437.9	335.2
To foreign Governments	-	0.3	12.9	33.0	71.2	235.7	73.1	50.6	50.3	102.8
To others	3.8	4.4	4.6	20.9	32.1	36.0	70.4	99.2	51.5	83.6
4. Subscriptions to International Financial Organisations	-	-	3.5	71.4	157.1	227.2	568.0	540.3	1,047.1	183.2
5. Net Purchase of Domestic Gold and Silver	-	-	2.7	7.7	1.6	2.0	-1.6	10.1	22.5	24.8
<b>Total</b>	<b>72.0</b>	<b>301.4</b>	<b>570.0</b>	<b>1,478.4</b>	<b>1,955.5</b>	<b>3,829.6</b>	<b>7,199.5</b>	<b>15,171.8</b>	<b>17,332.0</b>	<b>16,397.4</b>

## NATIONAL FINANCE

Table 184-ECONOMIC CLASSIFICATION OF THE CENTRAL BUDGET-contd.

ACCOUNTS 5-CHANGES IN FINANCIAL LIABILITIES -CAPITAL ACCOUNT OF GOVERNMENT  
ADMINISTRATION AND DEPARTMENTAL COMMERCIAL UNDERTAKINGS

(Rs. crores)

	1950- 51	1955- 56	1960- 61	1965- 66	1970- 71	1975-76 Acco- unts	1980-81 Acco- unts	1985-86 Acco- unts	1987-88 Revised	1988-89 Budget
1	2	3	4	5	6	7	8	9	10	11
<b>Incomings</b>										
Market borrowings										
Bonds issued under										
voluntary	30.3	103.7	196.3	283.9	427.8	661.1	2,848.5	5,543.3	7,821.0	7,475.0
Disclosure Scheme	..	..	..	..	..	39.5	..	..	..	..
Foreign debt(External										
debt)	..	..	..	..	..	1,817.6	1,625.6	1,995.1	3,725.9	4,478.1
P L 480	..	..	290.3	213.1	-	-	..	..	..	..
Loans	..	..	49.9	80.0	-	..	..	..	..	..
Dollar Credit	..	..	..	..	44.4	81.5	..	..	..	..
Investment of Deposit of										
U.S.Government Counter-										
part funds (net)	..	..	240.4	133.1	11.6	..	..	..	..	..
Accounts under Indo-U.S.										
Agreement 1974	..	..	..	..	..	-45.2	-48.5	-79.0	-71.4	..
Special Credits(net)	..	..	..	..	..	203.6(a)	-53.0	-70.9	-107.4	-47.9
Revolving Fund	..	..	..	..	..	..	..	..	518.1	168.8
Loan from IMF Trust Fund	..	..	..	..	..	..	537.5	..	..	..
Oil Credits	..	..	..	..	..	243.7	..	..	..	..
Others	7.8	2.7	183.9	482.4	432.2	1,334.0	1,189.6	2,145.0	3,386.6	4,357.2
Small Savings(net)	33.4	67.9	108.3	151.2	184.3	392.8	1,121.2	4,292.3	3,300.0	3,700.0
State Provident Funds(net)	7.8	16.9	43.2	54.8	89.2	221.8	218.6	418.7	650.0	730.0
Public Provident Fund(net)	..	..	..	..	2.3	11.9	55.3	76.5	250.0	270.0
Compulsory Annuity Deposits	..	..	..	35.7	-14.8	..	..	..	..	..
Deposits of Non-Govt.										
Provident Funds(net)	..	..	..	..	..	104.0	603.6	776.2	3,650.0	4,100.0
Special borrowings from										
R.B.I against Compulsory										
deposits (net)	..	..	..	..	..	..	-70.0	125.0	-190.0	-190.0
Special Securities (net)	..	..	..	..	..	..	399.5	535.2	1,034.2	166.4
Sales of Treasury Bills(net)	..	..	..	..	..	..	..	..	..	..
Special Treasury Bills	..	..	1.7	53.6	15.5	227.3	..	..	..	..
Other Treasury Bills(net)	9.0	123.4	-141.3	218.3	359.4	845.7	2,754.6	4,934.0	5,425.0	7,484.0
Special Bearer bonds										
(capital investment Bonds)	..	..	..	..	..	..	88.7	..	..	..
Other debts (net)	-14.4	34.6	39.0	-25.4	187.7	..	..	..	..	..
Miscellaneous Capital										
receipts (net)	..	..	..	..	..	-96.8	56.1	4,840.7	3,841.5	3,783.6
<b>Total</b>	<b>73.9</b>	<b>349.2</b>	<b>721.4</b>	<b>1,467.6</b>	<b>1,868.9</b>	<b>4,224.9</b>	<b>9,701.7</b>	<b>23,537.0</b>	<b>29,507.6</b>	<b>31,997.1</b>
<b>Outgoings</b>										
Repayment of long term										
rupees debt.	-41.7	69.0	109.4	173.4	283.4	204.6	269.7	658.9	820.9	474.8
Repayment of foreign debt.	4.5	3.2	17.6	80.5	194.4	343.8	391.6	629.7	1,167.8	1,335.5
Balance: Net increase in										
financial liabilities	27.7	277.0	594.4	1,213.7	1,391.1	3,676.5	9,040.4	22,248.4	27,518.9	30,186.8
<b>Total</b>	<b>73.9</b>	<b>349.2</b>	<b>721.4</b>	<b>1,467.6</b>	<b>1,868.9</b>	<b>4,224.9</b>	<b>9,701.7</b>	<b>23,537.0</b>	<b>29,507.6</b>	<b>31,997.1</b>

(a) Relates to Iran.

## NATIONAL FINANCE

Table 184- ECONOMIC CLASSIFICATION OF THE CENTRAL BUDGET-concl'd.

ACCOUNTS 6-CASH AND CAPITAL RECONCILIATION ACCOUNT OF GOVERNMENT  
ADMINISTRATION AND DEPARTMENTAL COMMERCIAL UNDERTAKINGS

(Rs. crores)

	1950-51	1955-56	1960-61	1965-66	1970-71	1975-76 Accounts	1980-81 Accounts	1985-86 Accounts	1987-88 Revised	1988-89 Budget	
	1	2	3	4	5	6	7	8	9	10	11
Incomings											
Net increase in financial liabilities- Balancing item Account 5	27.7	277.0	600.9	1,213.7	1,391.1	3,676.5	9,040.4	22,248.4	27,518.9	30,186.8	
Decrease in cash balance	..	36.5	24.5	..	-	..	-	3.0	655.1	0.4	
Total	27.7	313.5	625.4	1,213.7	1,391.1	3,676.5	9,040.4	22,251.4	28,174.0	30,187.2	
Outgoings											
Deficit on all transactions in commodities and services & trans- fers-Balancing item Account 3	-39.6	51.5	176.4	62.9	254.7	452.6	2,748.4	9,318.4	14,714.4	17,733.5	
Net increase in financial assets- Balancing item Account 4	54.9	262.0	449.0	1,105.3	1,062.0	2,744.3	6,114.7	12,933.0	13,459.6	12,453.7	
Increase in cash balance	12.4	..	..	45.5	74.4	479.6	177.3	-	-	-	
Total	27.7	313.5	625.4	1,213.7	1,391.1	3,676.5	9,040.4	22,251.4	28,174.0	30,187.2	

## *INCOME TAX*

**S**tatistics presented in this section relate to returned income in respect of all returns with taxable income received by the income tax department for the relevant assessment years. The coverage of income tax statistics published earlier (upto 1983-84) was limited to the number of assessment forms received for tabulation by the Directorate of Inspection, Department of Income Tax. Earlier issues of the publication may be referred for the income tax statistics upto 1983-84.

The number of returns shown are those returns declaring incomes above taxable limits relating to relevant Assessment Year (AY)

Returned income: Income returned by the assessee namely the 'total income' as given in the return.

Tax Payable: Tax including surcharge on returned income.

Tables 185 and 186

These tables analyse the returned income and tax payable according to the different status of assessees viz., (i) Individual, (ii) Hindu undivided family, (iii) Firm, (iv) Company and (v) Others (Association of Persons and un-registered firms etc).

Table 185 gives such details on All India basis for assessment years 1984-85, 1985-86, 1986-87 and 1987-88 with income range-wise details for 1987-88.

Table 186 gives state-wise details by different status of assessees for the year 1987-88 of income returned, tax payable etc.

Table 187

The table analyses number of returns, gross income and gross tax for the assessment year 1987-88 according to source of income. An assessee having income from more than one source is included under each one of the sources from which the income is derived.

Table 188

This table presents number of returns, amount of deductions claimed and total relief by nature of deductions for the assessment year 1987-88.

Table 189

This table presents rate of tax for assessment year 1988-89.

Table 190

The table analyses the number of returns, gross income and gross tax payable from business and profession by nature of business for non-company and company for the assessment year 1987-88.

## INCOME TAX

Table 185--NUMBER OF RETURNS, RETURNED INCOME AND TAX PAYABLE BY STATUS AND RETURNED INCOME RANGE

All India				(amount in Rs.'000)		
Assessment Year/Range of Returned Income	(i) Individual			(ii) Hindu Undivided Family		
	Number of Returns	Returned Income	Tax payable	Number of Returns	Returned Income	Tax payable
1	2	3	4	5	6	7
1984-85 . . . . .	2,650,396	69,047,866	11,509,340	178,563	6,013,741	1,915,332
1985-86 . . . . .	1,741,444	50,723,297	8,909,229	105,137	3,202,091	822,247
1986-87 . . . . .	2,307,568	82,673,213	13,547,115	164,845	7,038,871	1,618,833
1987-88 . . . . .	2,659,676	101,745,438	18,119,400	172,742	8,177,999	1,928,615
1987-88						
T.L.-20 . . . . .	745,838	14,049,669	157,786	21,396	410,184	6,319
20-50 . . . . .	1,381,797	42,561,307	4,918,157	95,418	3,142,295	470,686
50-100 . . . . .	468,384	32,416,184	8,002,613	49,391	3,466,567	975,843
100-200 . . . . .	47,799	6,367,168	2,199,497	5,676	791,186	308,186
200-300 . . . . .	9,324	2,269,652	943,157	581	137,238	58,010
300-400 . . . . .	3,472	1,194,773	523,105	100	35,020	15,439
400-500 . . . . .	1,483	655,991	295,569	145	63,255	28,734
500-1,000 . . . . .	957	671,019	313,576	8	5,552	2,610
1,000-above . . . . .	622	1,559,675	765,940	27	126,702	62,788

Source: Directorate of Income Tax, Ministry of Finance

T.L. -Taxable Level

## INCOME TAX

Table 185-NUMBER OF RETURNS, RETURNED INCOME AND TAX PAYABLE  
BY STATUS AND RETURNED INCOME RANGE-contd.

All India

(amount in Rs.'000)

Assessment Year/Range of Returned Income	(iii) Registered Firm			(iv) Others		
	Number of Returns	Returned Income	Tax payable	Number of Returns	Returned Income	Tax payable
1	8	9	10	11	12	13
1984-85 . . . . .	601,724	25,508,097	2,519,087	7,553	237,205	49,997
1985-86 . . . . .	538,593	29,543,601	3,163,207	43,433	1,655,877	521,440
1986-87 . . . . .	571,143	36,869,624	3,650,760	28,747	1,605,381	488,250
1987-88 . . . . .	585,475	40,617,295	4,206,112	21,614	1,096,759	339,654
1987-88						
T.L-20 . . . . .	52,353	836,572	16,110	11,418	177,282	7,776
20-50 . . . . .	211,771	7,515,075	324,420	5,641	165,573	25,208
50-100 . . . . .	266,323	19,489,592	1,597,567	2,693	187,808	54,060
100-200 . . . . .	39,235	5,412,710	750,840	1,059	145,862	56,834
200-300 . . . . .	7,847	1,917,178	348,960	435	110,706	50,149
300-400 . . . . .	3,796	1,312,722	260,243	151	51,717	25,037
400-500 . . . . .	1,841	824,732	171,652	70	30,280	14,189
500-1,000 . . . . .	1,514	1,027,087	223,736	53	40,301	18,732
1,000-above . . . . .	795	2,281,627	512,583	94	187,224	87,669

T.L- Taxable Level



## INCOME TAX

Table 185—NUMBER OF RETURNS, RETURNED INCOME AND TAX PAYABLE  
BY STATUS AND RETURNED INCOME RANGE—concl'd.

All India

(amount in Rs.'000)

Assessment Year/Range of Returned Income	(v) Company			(vi) All status		
	Number of Returns	Returned Income	Tax payable	Number of Returns	Returned Income	Tax payable
1	14	15	16	17	18	19
1984-85 . . . . .	25,109	43,821,833	24,004,766	3,463,345	144,628,742	39,998,517
1985-86 . . . . .	20,858	55,995,931	31,915,212	2,449,465	141,120,797	45,331,335
1986-87 . . . . .	17,055	68,941,358	29,142,552	3,089,358	197,128,447	48,447,510
1987-88 . . . . .	38,590	99,597,724	40,153,716	3,478,097	251,235,215	64,747,505
1987-88						
T.L-20 . . . . .	13,175	100,065	56,966	844,180	15,573,777	244,957
20-50 . . . . .	6,818	234,371	129,934	1,701,445	53,618,622	5,868,406
50-100 . . . . .	6,525	484,616	272,488	793,316	56,044,768	10,902,571
100-200 . . . . .	3,691	532,428	293,134	97,460	13,249,353	3,608,491
200-300 . . . . .	2,051	501,345	275,017	20,238	4,936,119	1,675,293
300-400 . . . . .	1,351	465,865	252,442	8,870	3,060,098	1,076,266
400-500 . . . . .	956	433,809	233,906	4,495	2,008,067	744,058
500-1,000 . . . . .	1,159	808,330	423,900	3,691	2,552,289	982,555
1,000-above . . . . .	2,864	96,036,895	38,215,929	4,402	100,192,122	39,644,908

T.L.— Taxable Level

## INCOME TAX

Table 186-NUMBER OF RETURNS, INCOME RETURNED AND TAX PAYABLE  
BY STATUS AND RETURNED INCOME RANGE (STATE-WISE)

Assessment year: 1987-88

(amount in Rs.'000)

State/ Union Territory	(i) Individual			(ii) Hindu Undivided Family		
	Number of Returns	Returned Income	Tax payable	Number of Returns	Returned Income	Tax payable
1	2	3	4	5	6	7
Andhra Pradesh . . . .	85,493	3,359,886	599,229	10,595	432,110	88,484
Assam(1) . . . .	45,183	1,411,118	185,153	2,692	108,286	21,605
Bihar . . . .	82,124	2,268,205	242,454	4,189	229,081	61,095
Gujarat . . . .	237,919	8,978,008	1,527,521	22,230	1,032,744	234,204
Haryana . . . .	30,991	1,077,445	178,233	3,474	145,663	29,530
Karnataka(2) . . . .	112,265	4,104,769	681,507	8,822	340,082	65,551
Kerala . . . .	46,738	2,210,611	481,391	176	10,159	2,629
Madhya Pradesh . . . .	97,052	3,150,055	446,234	7,344	306,644	61,147
Maharashtra . . . .	513,786	23,166,197	4,906,111	30,843	1,652,560	424,628
Orissa . . . .	39,318	1,199,525	161,838	1,504	44,934	5,145
Punjab(3) . . . .	148,694	5,074,296	756,316	14,498	630,305	130,575
Rajasthan . . . .	147,424	4,539,385	578,700	14,156	446,277	67,528
Tamil Nadu(4) . . . .	125,147	4,962,963	944,264	11,168	613,866	166,532
Uttar Pradesh . . . .	216,589	7,275,765	1,108,549	12,126	645,758	168,295
West Bengal . . . .	279,060	10,459,544	1,813,817	11,092	541,541	131,632
Delhi . . . .	451,893	18,507,662	3,507,288	17,833	997,990	270,037

Source: Directorate of Income Tax, Ministry of Finance

(1) Includes Manipur, Meghalaya, Nagaland and Tripura.

(2) Includes Goa.

(3) Includes Jammu and Kashmir, Himachal Pradesh and Chandigarh.

(4) Includes Pondicherry.

Table 186-NUMBER OF RETURNS, INCOME RETURNED AND TAX PAYABLE  
BY STATUS AND RETURNED INCOME RANGE (STATE-WISE)-contd.

Assessment Year: 1987-88

(amount in Rs.'000)

State/ Union Territory	(iii) Registered Firms			(iv) Others		
	Number of Returns	Returned Income	Tax payable	Number of Returns	Returned Income	Tax payable
1	8	9	10	11	12	13
Andhra Pradesh . . . .	35,886	2,196,587	196,648	866	45,124	13,319
Assam(1) . . . .	4,784	304,842	26,142	430	10,460	1,591
Bihar . . . .	9,121	509,880	44,124	531	14,861	2,641
Gujarat . . . .	79,018	5,119,758	502,634	5,880	134,922	20,192
Haryana . . . .	26,133	1,446,491	109,960	127	3,585	620
Karnataka(2) . . . .	27,978	2,375,073	286,482	621	77,120	32,494
Kerala . . . .	8,780	895,046	125,238	388	41,788	14,673
Madhya Pradesh . . . .	14,884	798,677	80,174	444	31,036	10,210
Maharashtra . . . .	120,891	10,044,985	1,192,821	6,298	418,162	140,580
Orissa . . . .	7,528	473,681	40,360	61	4,169	1,461
Punjab(3) . . . .	49,147	3,001,096	251,346	282	8,172	1,490
Rajasthan . . . .	37,302	2,296,865	213,170	182	8,996	2,589
Tamil Nadu(4) . . . .	30,835	2,082,247	221,855	1,583	107,644	38,106
Uttar Pradesh . . . .	38,610	2,478,981	242,759	1,129	107,087	43,018
West Bengal . . . .	27,802	1,805,220	168,626	1,465	52,169	11,728
Delhi . . . .	56,405	4,096,385	444,719	1,455	52,818	13,291

See foot-notes on pre-page.

## INCOME TAX

Table 186-NUMBER OF RETURNS, INCOME RETURNED AND TAX PAYABLE  
BY STATUS AND RETURNED INCOME RANGE (STATE-WISE)-concl'd.

Assessment year: 1987-88

(amount in Rs.'000)

State/ Union Territory	(v) Company			(vi) All status		
	Number of Returns	Returned Income	Tax payable	Number of Returns	Returned Income	Tax payable
1	14	15	16	17	18	19
Andhra Pradesh . . . .	1,160	526,696	265,681	134,000	6,560,403	1,163,361
Assam(1) . . . .	198	319,566	175,833	53,287	2,154,273	410,324
Bihar . . . .	128	162,457	83,678	96,093	3,184,484	433,992
Gujarat . . . .	1,646	748,958	368,180	346,693	16,014,390	2,652,732
Haryana . . . .	179	68,981	35,665	60,904	2,742,165	354,008
Karnataka(2) . . . .	1,200	2,262,767	1,186,984	150,886	9,159,812	2,253,108
Kerala . . . .	846	341,746	183,364	56,928	3,499,351	807,293
Madhya Pradesh . . . .	132	144,986	91,670	70,108	2,385,097	362,259
Maharashtra . . . .	9,682	51,853,599	14,547,968	681,500	87,135,501	21,212,106
Orissa . . . .	50	5,139	3,181	48,461	1,730,150	211,988
Punjab(3) . . . .	1,039	467,049	239,108	213,660	9,180,917	1,378,835
Rajasthan . . . .	297	329,957	165,508	199,361	7,621,479	1,027,496
Tamil Nadu(4) . . . .	2,740	1,095,927	554,136	171,473	8,862,647	1,924,891
Uttar Pradesh . . . .	1,258	12,859,247	6,737,000	269,712	23,366,840	8,299,618
West Bengal . . . .	6,765	5,269,620	2,400,114	326,184	18,128,093	4,525,917
Delhi . . . .	10,985	22,921,388	13,014,023	538,571	46,576,244	17,250,063

See footnotes on page 454.

## INCOME TAX

Table 187- NUMBER OF RETURNS, GROSS INCOME AND GROSS TAX-BY SOURCE OF INCOME

Assessment year: 1987-88

(amount in Rs.'000)

Source of Income	Number of Returns	Gross Income	Gross tax
1	2	3	4
<b>1. SALARIES</b>			
Central Government . . . .	188,532	7,286,958	987,012
State Government . . . .	89,190	3,080,292	347,140
Others . . . .	527,388	19,697,305	3,022,442
Total	800,271	30,064,556	4,356,594
<b>2. INTEREST ON SECURITIES</b>			
Government . . . .	47,490	5,355,911	2,950,707
Others . . . .	88,874	32,956,533	4,391,735
Total	132,266	38,312,444	7,342,442
<b>3. HOUSE PROPERTY</b>			
Self Occupied . . . .	172,347	1,261,758	257,506
Others . . . .	264,905	4,975,773	1,315,740
Total	433,230	6,237,531	1,573,246
<b>4. BUSINESS &amp; PROFESSION</b>			
Share in profit of RF . . . .	1,131,990	44,708,774	8,914,835
Share in profit of URF/AOP/BOI . . . .	20,169	356,010	90,234
Own Business/Profession . . . .	1,563,561	139,864,007	47,034,792
Others . . . .	13,237	307,260	66,290
Total	2,606,801	185,236,151	56,106,151
<b>5. CAPITAL GAINS</b>			
Short term . . . .	60,031	950,717	249,243
Long term . . . .	41,165	1,201,739	294,066
Others . . . .	108,621	1,996,233	498,933
Total	190,162	4,148,689	1,042,242
<b>6. OTHER SOURCES</b>			
Dividends . . . .	439,737	8,925,502	2,924,454
Interest . . . .	926,663	13,049,901	2,918,003
Unclassified . . . .	251,039	3,593,240	651,676
Total	1,207,714	25,568,643	6,494,103
<b>GRAND TOTAL</b>	<b>3,478,097</b>	<b>289,567,913</b>	<b>76,914,766</b>

Source: Directorate of Income Tax, Ministry of Finance

RF - Registered Firm.  
 URF - Unregistered Firm.  
 AOP - Association of Persons.  
 BOI - Body of Individual.

Note: The total number of returns shown under each source of Income is the net number of returns.

## INCOME TAX

Table 188-DEDUCTIONS, REBATES AND RELIEF-BY NATURE OF DEDUCTIONS/REBATES

Assessment Year: 1987-88

(amount in Rs.'000)

Nature of Deductions	Section	Number of Returns	Amount of deductions claimed	Tax relief
1	2	3	4	5
<b>B/F Losses/Allowances Set Off</b>				
Depreciation allowances	32	40,559	3,450,661	1,103,626
Investment allowances	32 A	6,855	2,768,858	1,349,697
Business loss	72/72A	8,189	595,600	225,994
Unclassified		3,641	730,426	360,814
<b>Total</b>			<b>7,606,177</b>	<b>3,050,063</b>
<b>Deductions claimed under Chapter VIA</b>				
L.I.P	80 C	1,070,686	7,922,894	1,186,793
P.F.	80 C	335,527	2,605,776	387,286
N.S.C.	80 C	142,115	1,174,150	197,242
U.T.I.	80 C	119,371	1,022,231	115,365
Unclassified	80 C	226,809	2,144,200	309,080
Investment new shares	80 CC	73,386	284,291	45,136
Educational Expenses	80 F	4,733	32,010	5,137
Donations	80 G	79,908	319,531	104,888
Rent Paid	80 GG	20,248	79,141	10,372
Industrial Profits (Backward Area)	80 HH	3,315	505,056	226,558
S.S.I. Industrial Profits	80 HHA	812	146,018	68,658
Profits - Foreign Projects	80 HHB	253	417,750	180,908
Export Turnover	80 HHC	5,260	1,922,318	871,775
Industrial Profits	80 I	13,160	1,123,130	544,178
Profits - Live Stock etc.	80 JJ	5,110	41,256	15,219
Indl. Dividends	80 K	861	97,134	50,792
Dividends	80 L	412,901	1,813,912	341,516
Interest	80 L	649,001	2,637,942	437,197
Unclassified	80 L	3,611	11,755	1,956
Inter-corporate Dividends	80 M	6,058	1,746,649	892,782
Royalty Indian Companies	80 MM	8	6,604	3,302
Dividends from Foreign Companies	80 N	70	1,425	556
Profits-Book Publications	80 QQ	3,328	33,987	14,078
Profits-Indian Lands	80 QQA	1,152	14,370	4,534
Foreign Remuneration-Profn. etc.	80 R	2,965	9,186	1,400
Foreign Remuneration-Services	80 RRA	3,177	37,402	8,333
Capital Gains	80 T	47,634	1,056,059	250,246
Physical Disability	80 U	7,038	31,530	4,855
Others		266,338	3,488,802	848,315
<b>Total . . . . .</b>			<b>30,726,512</b>	<b>7,128,457</b>
<b>Grand Total . . . . .</b>			<b>38,332,689</b>	<b>10,178,520</b>

Source: Directorate of Income Tax,  
Ministry of Finance

## INCOME TAX

Table 189- RATE OF TAX FOR ASSESSMENT YEAR 1988-89

Status	Income group(Rs.)	Tax rate (%)	Amount of tax on maximum limit (Rs.)
1	2	3	4
1. Individual, H.U.F, U.R.F, A.O.P/B.O.I.			
	18,000-25,000	20	1,400
	25,001-50,000	30	9,250
	50,001-100,000	40	29,250
	100,001 and above	50	
2. Registered Firms			
(i) Business	10,000-25,000	5	750
	25,001-50,000	7	2,500
	50,001-100,000	15	10,000
	100,001 and above	24	
(ii) Profession	10,000-25,000	4	600
	25,001-50,000	7	2,350
	50,001-100,000	13	8,850
	100,001 and above	22	
3. HUF(specified)	12,000-20,000	25	2,000
	20,001-40,000	30	8,000
	40,001-60,000	40	16,000
	60,001-100,000	50	36,000
	100,001 and above	55	
4. Co-operative Societies	10-10,000	15	1,500
	10,001-20,000	25	4,000
	20,001-100,000	40	36,000
	100,001 and above	40	
5. Companies			
(a) Domestic Companies		50	
(b) (i) Industrial Domestic Companies (others) (Closely held company)		55	
(ii) Non-Industrial Domestic Companies(Tradg.or Investment Companies) (Closely-held Companies)		60	
(c) Foreign Company:			
(i) Royalties/Fees		50	
(ii) On the balance, if any on the total income		65	

Source: Directorate of Income Tax,  
Ministry of Finance

## INCOME TAX

Table 190-NUMBER OF RETURNS, GROSS INCOME AND GROSS TAX FROM BUSINESS AND PROFESSION  
BY NATURE OF BUSINESS

Assessment year: 1987-88

(amount in Rs.'000)

Code	Nature of Business	Status	Number of Returns	Gross Income	Gross Tax payable
1	2	3	4	5	6
01	Livestock Production	Non-company	901	36,433	3,650
		Company	8	3,439	1,829
		Total	909	39,872	5,479
02	Agricultural Services	Non-company	52	3,322	264
		Company	16	1,480	814
		Total	68	4,802	1,078
03	Forestry and logging	Non-company	286	19,183	2,864
		Company	2	6,341	3,486
		Total	288	25,524	6,350
04	Fishing	Non-company	71	24,273	2,493
		Company	20	2,377	1,287
		Total	91	26,650	3,780
05	Coal Mining	Non-company	54	4,313	402
		Company	26	1,684	901
		Total	80	5,997	1,303
06	Crude Petroleum & Natural Gas	Non-company	58	2,163	337
		Company	1	12,534,423	6,956,604
		Total	59	12,536,586	6,956,941
07	Metal Ore Mining	Non-company	88	20,981	4,078
		Company	54	60,846	31,657
		Total	142	81,827	35,735
08	Other Mining	Non-company	912	62,918	8,620
		Company	77	12,469	6,814
		Total	989	75,387	15,434
110	Tea	Non-company	378	18,529	1,886
		Company	375	233,882	138,059
		Total	753	252,411	139,945
111	Coffee	Non-company	333	22,758	2,700
		Company	2	652	349
		Total	335	23,410	3,049
11	Primary Sector Industries	Non-company	1,234	58,552	6,114
		Company	380	239,255	140,767
		Total	1,614	297,807	146,881
122	Grain Mill Products	Non-company	7,771	486,293	48,921
		Company	123	132,623	86,212
		Total	7,894	618,916	135,133
123	Bakery Products	Non-company	749	35,683	4,310
		Company	92	182,130	91,904
		Total	841	217,813	96,214

Source: Directorate of Income Tax,  
Ministry of Finance



## INCOME TAX

Table 190-NUMBER OF RETURNS, GROSS INCOME AND GROSS TAX FROM BUSINESS AND PROFESSION  
BY NATURE OF BUSINESS-contd.

Assessment year: 1987-88

(amount in Rs.'000)

Code	Nature of Business	Status	Number of Returns	Gross Income	Gross Tax payable
1	2	3	4	5	6
124	Sugar	Non-Company	572	127,407	44,492
		Company	110	1,681,651	408,428
		Total	682	1,809,058	452,920
126	Manufacture of Vanaspati Ghee and other edible oils etc.	Non-Company	4,383	330,872	42,936
		Company	231	1,081,875	545,233
		Total	4,614	1,412,747	588,169
12	Manufacture of food products	Non-Company	16,402	1,157,096	163,135
		Company	815	4,258,275	1,738,592
		Total	17,217	5,415,371	1,901,727
13	Manufacture of beverages	Non-Company	242	169,830	52,775
		Company	203	210,292	111,870
		Total	445	380,122	164,645
14	Manufacture of Tobacco and Tobacco products	Non-Company	743	213,892	46,419
		Company	87	100,178	46,499
		Total	830	314,070	92,918
21	Manufacture of cotton Textiles	Non-Company	11,209	677,698	80,910
		Company	628	263,132	217,832
		Total	11,837	940,830	298,742
22	Manufacture of Wool and Woollen products	Non-Company	701	83,531	7,709
		Company	77	184,733	93,089
		Total	778	268,264	100,798
23	Manufacture of silk and silk products	Non-Company	2,012	149,672	23,462
		Company	116	80,282	44,144
		Total	2,128	229,954	67,606
24	Manufacture of other textiles	Non-Company	429	18,223	1,667
		Company	112	738,451	371,435
		Total	541	756,674	373,102
25	Manufacture of Jute, Hemp and Mesta Textiles	Non-Company	174	16,318	2,186
		Company	39	69,984	38,491
		Total	213	86,302	40,677
26	Manufacture of Textile products	Non-Company	13,626	415,637	29,955
		Company	790	514,793	269,173
		Total	14,416	930,430	299,128
27	Manufacture of Wood and Wood products	Non-Company	4,001	203,220	19,892
		Company	159	109,940	57,235
		Total	4,160	313,160	77,127
280	Manufacture of pulp, paper board, News print etc.	Non-Company	908	67,831	8,126
		Company	341	319,965	163,382
		Total	1,249	387,796	171,508

## INCOME TAX

Table 190—NUMBER OF RETURNS, GROSS INCOME AND GROSS TAX FROM BUSINESS AND PROFESSION  
BY NATURE OF BUSINESS—contd.

Assessment Year: 1987-88

(amount in Rs.'000)

Code	Nature of Business	Status	Number of Returns	Gross Income	Gross Tax payable
1	2	3	4	5	6
282	Manufacture of paper board, punching etc.	Non-company	389	28,057	4,055
		Company	37	261,582	131,121
		Total	426	289,639	135,176
283	Printing and publishing of newspapers	Non-company	880	47,783	7,447
		Company	53	67,194	37,047
		Total	933	114,977	44,494
284	Printing and publishing of periodicals, books, maps etc.	Non-company	2,924	173,943	21,056
		Company	395	395,712	217,981
		Total	3,319	569,655	239,037
28	Manufacture of paper, paper products, printing, publishing etc.	Non-company	6,031	393,713	54,349
		Company	940	1,070,355	563,850
		Total	6,971	1,464,068	618,199
29	Manufacture of leather and fur products	Non-company	977	102,111	17,448
		Company	293	540,596	290,333
		Total	1,270	642,707	307,781
30	Manufacture of Rubber, Plastic and their products	Non-company	3,593	298,601	52,293
		Company	631	501,309	256,104
		Total	4,224	799,910	308,397
31	Manufacture of Petroleum, Coal and their products	Non-company	417	33,055	5,249
		Company	21	38,315	21,071
		Total	438	71,370	26,320
32	Manufacture of Chemicals	Non-company	1,222	119,162	17,219
		Company	659	779,955	386,291
		Total	1,881	899,117	403,510
330	Fertilizers	Non-company	166	10,265	1,223
		Company	58	28,853	14,562
		Total	224	39,118	15,785
332	Paints, Varnishes and Lacquers	Non-company	844	56,970	8,044
		Company	238	544,411	291,554
		Total	1,082	601,381	299,598
333	Drugs and Pharmaceuticals	Non-company	983	189,725	37,693
		Company	619	1,328,673	684,605
		Total	1,602	1,518,398	722,298
334	Perfumes, Cosmetics and Toilet Preparations	Non-company	1,779	515,545	202,457
		Company	174	1,922,604	988,217
		Total	1,953	2,438,149	1,190,674
33	Manufacture of Chemical products (except petroleum)	Non-company	5,039	856,630	260,854
		Company	1,411	4,095,986	2,121,689
		Total	6,450	4,952,616	2,382,343

## INCOME TAX

Table 190—NUMBER OF RETURNS, GROSS INCOME AND GROSS TAX FROM BUSINESS AND PROFESSION  
BY NATURE OF BUSINESS—contd.

Assessment year: 1987-88

(amount in Rs.'000)

Code	Nature of Business	Status	Number of Returns	Gross Income	Gross Tax payable
1	2	3	4	5	6
340	Manufacture of structural clay products (Bricks etc.)	Non-company Company Total	3,616 106 3,722	198,229 14,273 212,502	20,267 7,945 28,212
34	Manufacture of Metallic products	Non-company Company Total	4,602 539 5,141	285,737 310,254 595,991	30,417 162,803 193,220
350	Integrated Steel Plants	Non-company Company Total	0 9 9	0 131,850 131,850	0 66,603 6,603
351	Mini Steel Plants	Non-company Company Total	165 10 175	24,084 30,504 54,588	5,901 16,779 22,680
352	Foundries, iron and steel	Non-company Company Total	3,360 574 3,934	347,588 405,455 753,043	52,186 221,749 273,935
35	Basic metal and alloy industries	Non-company Company Total	4,543 836 5,379	421,049 757,256 1,178,305	62,577 408,698 471,275
360	Manufacture of Structural metal products	Non-company Company Total	1,687 435 2,122	106,685 276,292 382,977	13,449 132,434 145,883
361	Manufacture of metal products	Non-company Company Total	169 101 270	9,984 76,804 86,588	949 41,727 42,676
36	Manufacture of metal products, except machinery	Non-company Company Total	4,142 905 5,047	244,142 4,199,070 4,443,212	27,236 2,284,489 2,311,725
400	Manufacture of Agricultural Machinery	Non-company Company Total	871 202 1,073	67,324 267,526 334,850	9,920 135,019 144,939
401	Manufacture of Prime movers, boilers etc.	Non-company Company Total	552 59 611	42,502 115,044 157,546	8,229 59,521 67,750
402	Manufacture of food, textile, chemical and mining machinery	Non-company Company Total	346 170 516	24,397 424,579 448,976	3,731 190,447 194,178
403	Manufacture of refrigerators, air-conditioners, fire fighting equipments etc.	Non-company Company Total	50 170 220	6,268 212,208 218,476	1,335 107,257 108,592

## INCOME TAX

Table 190-NUMBER OF RETURNS, GROSS INCOME AND GROSS TAX FROM BUSINESS AND PROFESSION  
BY NATURE OF BUSINESS-contd.

Assessment year: 1987-88

(amount in Rs.'000)

Code	Nature of Business	Status	Number of Returns	Gross Income	Gross Tax payable
1	2	3	4	5	6
404	Manufacture of Machine tools etc.	Non-company Company Total	1,173 269 1,442	65,956 127,398 193,354	9,141 68,619 77,760
405	Manufacture of office computing and accounting machines	Non-company Company Total	43 - 43	2,406 - 2,406	168 - 168
40	Manufacture of machinery, machine tools, etc., except electrical machinery	Non-company Company Total	12,061 2,168 14,229	813,706 2,587,557 3,401,263	106,919 1,300,851 1,407,770
411	Manufacture of insulated wires and cables	Non-company Company Total	738 153 891	32,812 452,492 485,304	3,303 236,758 240,061
412	Manufacture of dry and wet batteries	Non-company Company Total	20 45 65	1,079 186,204 187,283	86 93,618 93,704
413	Manufacture of electrical appliances, apparatus etc.	Non-company Company Total	176 182 358	18,328 77,551 95,879	2,842 39,332 42,174
41	Manufacture of electrical & electronic machinery, and appliances etc.	Non-company Company Total	2,567 1,231 3,798	237,242 1,718,013 1,955,255	39,811 907,499 947,310
42	Manufacture of electric and electronic equipments (computers, calculators etc.)	Non-company Company Total	171 306 477	23,420 581,342 604,762	3,744 302,325 306,069
432	Manufacture of Motor vehicles (Cars, trucks etc.)	Non-company Company Total	455 231 686	31,678 598,536 630,214	3,149 307,770 310,919
433	Manufacture of Motor cycles, Scooters etc.	Non-company Company Total	288 85 373	30,217 7,925 38,142	7,771 4,261 12,032
434	Manufacture of bicycle, rickshaws etc.	Non-company Company Total	43 18 61	1,736 29,753 31,489	139 15,821 15,960
43	Manufacture of Transport equipment and parts	Non-company Company Total	1,380 644 2,024	134,018 606,667 740,685	23,930 432,186 456,116
441	Manufacture of medical, surgical and scientific equipment	Non-company Company Total	112 89 419	21,252 58,840 80,092	4,034 32,205 36,239

## INCOME TAX

Table 190-NUMBER OF RETURNS, GROSS INCOME AND GROSS TAX FROM BUSINESS AND PROFESSION  
BY NATURE OF BUSINESS-contd.

Assessment year: 1987-88

(amount in Rs.'000)

Code	Nature of Business	Status	Number of Returns	Gross Income	Gross Tax payable
1	2	3	4	5	6
443	Manufacture of Jewellery and related articles	Non-company Company Total	6,050 56 6,106	270,476 474,777 745,253	35,771 261,489 297,260
44	Other manufacturing industries	Non-company Company Total	23,925 888 24,813	1,574,549 919,777 2,494,326	273,760 510,554 784,314
50	Electricity	Non-company Company Total	25 17 42	1,629 1,884,702 1,886,331	120 942,336 942,456
51	Gas and steam	Non-company Company Total	41 16 57	4,722 160,315 165,037	632 80,167 80,799
530	Construction and maintenance of buildings	Non-company Company Total	11,092 833 11,925	964,616 416,364 1,380,980	144,833 227,040 371,873
531	Construction and maintenance of roads, railways, bridges etc.	Non-company Company Total	804 47 851	37,733 34,254 71,987	4,651 18,532 23,183
53	Construction	Non-company Company Total	11,896 880 12,776	1,002,348 450,618 1,452,966	149,483 245,572 395,055
54	Activities allied to construction	Non-company Company Total	360 104 467	27,735 13,443 41,178	3,441 7,463 10,904
600	Wholesale trade in cereals and pulses	Non-company Company Total	1,944 — 1,944	120,447 — 120,447	11,235 — 11,235
601	Wholesale trade in food stuff other than cereals and pulses	Non-company Company Total	24,623 511 25,134	1,771,343 105,020 1,876,363	211,293 61,947 273,240
602	Wholesale trade in textiles and textile products	Non-company Company Total	60,460 806 61,266	4,653,115 97,130 4,750,245	618,464 55,054 673,518
604	Wholesale trade in intoxicants	Non-company Company Total	1,643 50 1,693	166,377 -3543 162,834	32,973 4,035 37,008
605	Wholesale trade in tobacco and tobacco products	Non-company Company Total	3,601 153 3,754	340,578 60,716 401,294	51,925 36,794 88,719

## INCOME TAX

Table 190—NUMBER OF RETURNS, GROSS INCOME AND GROSS TAX FROM BUSINESS AND PROFESSION  
BY NATURE OF BUSINESS—contd.

Assessment year: 1987-88

(amount in Rs.'000)

Code	Nature of Business	Status	Number of Returns	Gross Income	Gross Tax payable
1	2	3	4	5	6
60	Wholesale trade in food, textiles, live animals, beverages and intoxicants	Non-company Company Total	94,356 1,566 95,922	7,150,316 262,313 7,412,629	933,583 159,643 1,093,226
610	Wholesale trade in medicines and chemicals	Non-company Company Total	5,984 230 6,214	457,959 34,391 492,350	77,845 19,781 97,626
614	Wholesale trade in metals	Non-company Company Total	15,770 298 16,068	882,930 31,654 914,584	101,093 18,805 119,898
617	Wholesale trade in medicines	Non-company Company Total	5,148 108 5,256	359,357 13,076 372,433	38,878 7,652 46,530
61	Wholesale trade in fuel, chemicals, metals and glass etc.	Non-company Company Total	36,214 1,644 37,858	2,529,737 1,517,678 4,047,415	236,467 890,418 1,229,991
620	Wholesale trade in Petrol, mobile oil, LPG etc.	Non-company Company Total	3,955 86 4,041	238,150 -20,205 217,945	26,359 3,574 29,933
621	Wholesale trade in wood, cane, bamboo etc.	Non-company Company Total	9,011 77 9,088	525,915 1,291 527,206	57,635 773 58,408
625	Wholesale trade in leather and leather goods	Non-company Company Total	1,470 - 1,470	142,682 - 142,682	21,339 - 21,339
62	Wholesale trade in wood, paper, other fabrics, skins, inedible oils etc.	Non-company Company Total	19,103 438 19,541	1,204,065 30,381 1,234,446	140,727 33,445 174,172
630	Wholesale trade in agricultural machinery and equipments	Non-company Company Total	6,555 271 6,826	380,354 -84,661 295,693	46,192 66,227 112,419
631	Wholesale trade in electrical machinery and equipment	Non-company Company Total	9,038 604 9,642	736,238 147,934 884,172	108,292 77,740 186,032
632	Wholesale trade in transport and storage equipments	Non-company Company Total	9,843 490 10,333	766,788 104,518 871,306	101,050 76,647 177,696
63	Wholesale trade in all types of machinery, equipment including transport equipment etc.	Non-company Company Total	25,436 1,365 26,801	1,883,379 167,791 2,051,170	255,535 220,614 476,149

## INCOME TAX

Table 190-NUMBER OF RETURNS, GROSS INCOME AND GROSS TAX FROM BUSINESS AND PROFESSION  
BY NATURE OF BUSINESS-contd.

Assessment year: 1987-88

(amount in Rs.'000)

Code	Nature of Business	Status	Number of Returns	Gross Income	Gross Tax payable
1	2	3	4	5	6
641	Wholesale trade in tyre, rubber and rubber products	Non-company Company Total	1,841 54 1,895	115,533 1,776 117,309	13,782 1,011 14,793
646	Wholesale trade in hardware and sanitary equipment	Non-company Company Total	8,187 124 8,311	544,362 2,711 547,073	66,641 1,810 68,451
648	Wholesale trade in precious metal, stones and jewellery	Non-company Company Total	4,874 12 4,886	436,802 29,693 466,495	70,617 17,531 88,148
64	Wholesale trade in Misc. manufactures	Non-company Company Total	169,839 1,531 171,370	13,425,590 312,081 13,737,671	2,291,323 186,470 2,477,793
650	Grain and grocery stores	Non-company Company Total	48,904 - 48,904	1,499,850 - 1,499,850	86,701 - 86,701
651	Vegetable and fruit selling	Non-company Company Total	2,692 - 2,692	95,735 - 95,735	7,733 - 7,733
65	Retail trade in food articles, beverages, tobacco and intoxicants	Non-company Company Total	62,935 24 62,959	2,019,134 2,145 2,021,279	135,552 1,288 136,840
66	Retail trade in textiles	Non-company Company Total	72,762 10 72,772	2,393,672 -210 2,393,462	169,607 - 169,607
674	Dealers in electric and electronic goods	Non-company Company Total	9,492 - 9,492	309,667 - 309,667	23,709 - 23,709
676	Jewellery Marts	Non-company Company Total	8,856 - 8,856	272,262 - 272,262	26,470 - 26,470
67	Retail trade in fuels, other house-hold utilities and durables	Non-company Company Total	31,319 63 31,382	1,032,731 17,660 1,050,391	81,494 10,523 92,017
680	Medical shops	Non-company Company Total	11,057 10 11,067	376,135 256 376,391	29,173 154 29,327
681	Book sellers and stationers	Non-company Company Total	5,209 5 5,214	164,115 65 164,180	13,713 36 13,749

## INCOME TAX

Table 190—NUMBER OF RETURNS, GROSS INCOME AND GROSS TAX FROM BUSINESS AND PROFESSION  
BY NATURE OF BUSINESS—contd.

Assessment year: 1987-88

(amount in Rs.'000)

Code	Nature of Business	Status	Number of Returns	Gross Income	Gross Tax payable
1	2	3	4	5	6
682	Dealers in building materials	Non-company	9,275	344,647	28,240
		Company	—	—	—
		Total	9,275	344,647	28,240
683	Dealers in transport equipments	Non-company	10,689	375,958	32,817
		Company	7	500	300
		Total	10,696	376,458	33,117
684	Petrol filling stations	Non-company	2,890	157,222	16,778
		Company	—	—	—
		Total	2,890	157,222	16,778
685	General stores	Non-company	11,540	499,049	38,629
		Company	—	—	—
		Total	11,540	499,049	38,629
68	Retail trade in others	Non-company	399,508	11,870,664	1,014,937
		Company	51	889	645
		Total	399,559	11,871,553	1,015,582
69	Restaurants and Hotels	Non-company	13,299	582,022	57,972
		Company	297	66,305	38,412
		Total	13,596	648,327	96,384
70	Land Transport	Non-company	31,055	1,633,996	254,587
		Company	480	14,444,343	8,664,904
		Total	31,535	16,078,339	8,919,491
71	Water Transport	Non-company	863	24,954	1,500
		Company	105	134,613	68,629
		Total	968	159,567	70,129
72	Air Transport	Non-company	120	4,937	514
		Company	24	37,672	21,276
		Total	144	42,609	21,790
73	Services incidental to transport	Non-company	898	69,922	12,783
		Company	186	67,123	34,427
		Total	1,084	137,045	47,210
74	Cold storage and Warehousing	Non-company	417	47,621	7,603
		Company	66	31,476	17,811
		Total	483	79,097	25,414
800	Banking	Non-company	573	30,900	5,181
		Company	185	973,569	1,254,839
		Total	758	1,004,469	1,260,020
801	Financial Institutions	Non-company	1,040	48,363	4,389
		Company	160	2,923,900	1,448,702
		Total	1,200	2,972,263	1,453,091



## INCOME TAX

Table 190—NUMBER OF RETURNS, GROSS INCOME AND GROSS TAX FROM BUSINESS AND PROFESSION  
BY NATURE OF BUSINESS—concl'd.

Assessment year: 1987-88

(amount in Rs.'000)

Code	Nature of Business	Status	Number of Returns	Gross Income	Gross Tax payable
1	2	3	4	5	6
80	Banking and Financial Institutions.	Non-company	48,176	1,625,819	231,009
		Company	5,309	4,652,662	3,172,421
		Total	53,485	6,278,481	3,403,430
81	Provident Fund and Insurance Services	Non-company	707	24,742	3,163
		Company	55	2,210,040	1,105,294
		Total	762	2,234,782	1,108,457
82	Business Services.	Non-company	129,557	6,231,126	780,641
		Company	3,476	1,874,089	908,605
		Total	133,033	8,105,215	1,689,246
83	Real Estate	Non-company	10,131	280,341	51,547
		Company	810	235,491	144,249
		Total	10,941	515,832	195,796
84	Legal Services	Non-company	9,332	298,402	39,741
		Company	90	7,313	4,394
		Total	9,422	305,715	44,135
93	Medical & Health Services	Non-company	53,152	2,274,887	398,812
		Company	109	26,335	13,682
		Total	53,261	2,301,222	412,494
95	Recreational and Cultural Services	Non-company	5,750	432,826	64,301
		Company	152	27,215	15,179
		Total	5,902	460,041	79,480
97	Personal Services	Non-company	19,669	755,620	115,896
		Company	197	14,464	8,360
		Total	19,866	770,084	124,256
98	Repair Services	Non-company	4,063	134,088	9,374
		Company	50	8,307	4,704
		Total	4,113	142,395	14,078
99	Services not elsewhere classified	Non-company	150,083	5,043,426	917,308
		Company	71	9,015	5,398
		Total	150,154	5,052,441	922,706
	Total	Non-company	1,529,118	73,076,826	9,934,761
		Company	34,443	66,787,181	37,100,031
		Total	1,563,561	139,864,007	47,034,792

## EXCHANGE, COINAGE AND CURRENCY

**T**his section presents data on exchange and money rates, price of bullion and government securities, coinage and currency. The sources of data regarding coinage are the Mint Masters of the Bombay and Calcutta Mints and for the other tables the Reserve Bank of India.

Table 191

This table provides data regarding Money Rates in India which are defined as the rates at which the various classes of banks in the country are prepared to discount or rediscount bills of exchange, to give loans and advances, or to accept deposits. Various money rates mentioned in this table are described below:

### Reserve Bank of India

**Bank Rate-** The standard rate at which the Reserve Bank of India is prepared to buy or rediscount bills of exchange or other commercial paper eligible for purchase under the Reserve Bank of India Act, 1934. The Reserve Bank's first official Bank Rate, viz., 3.5 per cent was announced on July 4, 1935 and this rate remained unchanged till November 28, 1935 when it was lowered to 3 percent. The Bank rate was changed to 3.5 percent on November 15, 1951, to 4 percent on May 16, 1957, to 4.5 percent on January 3, 1963, to 5 percent, on September 26, 1964, to 6 percent on February 17, 1965, to 5 percent from the close of business on March 2, 1968, to 6 percent with effect from the close of business on January 8, 1971, to 7 percent with effect from the close of business on May 30, 1973; to 9 percent with effect from the close of business on July 22, 1974; and 10 percent with effect from the close of banking business on July 11, 1981.

### State Bank of India

**Discount Rate-** The rate at which the State Bank of India discounts first class three month commercial bills.

**Advance Rate-** The Bank's prime lending rate, which regulates all interest rates for the various categories and classes of advances granted by the Bank.

**Demand Loan Rate-** Basic advance rate at which the State Bank of India grants demand loans to scheduled commercial banks against Government securities. Call loans to co-operative banks against Government securities are granted at a rate lower than call loan rate to other commercial banks.

### Other selected major Scheduled Commercial banks

**Call Money Rate-** Relates to inter-bank advances repayable on call at the option of the lender. Deposits requiring prior notice of any type for repayment are not included while over-night deposits are included.

**Bazar Bill Rate-** Rate at which bills of small traders are reported to have been discounted by shroffs. These are unofficial quotations supplied by the State Bank of India.

Table 192

**Prices of Silver-** Relate to spot quotations showing highest, lowest, average prices of silver in London, New York and Bombay. Average prices are the average of closing quotations for working days.

Table- 193A

Number and value of coins minted- Figures relate to coins minted by India Government Mints, Bombay and Calcutta. Indian mints have also minted coins for foreign countries like East Africa, Sri Lanka, Bhutan, Malaysia, Straits Settlements, Iraq and Egypt, the figures for the number and value of which are shown in brackets. Coins have been classified according to their metal content described as under.

**Pure Nickel-** Includes rupee, half rupee and quarter rupee coins. However, with the introduction of metric system, pure nickel 25 naya paise and 50 naya paise were first struck in 1957-58 and in 1960 respectively. This also includes 1 Rupee and 50 paise coins struck in 1964 (in English) and 50 paise only in Hindi in November 1965 in commemoration of Shri Jawaharlal Nehru and 1 rupee and 50 paise coins introduced in October, 1969 in commemoration of Mahatma Gandhi Birth Centenary.

**Nickel Brass-** Includes one naya paisa coins from 1961-62 upto 1965-66 and then discontinued.

**Cupro-Nickel-** Includes 10 naya paise, 5 naya paise and 2 naya paise introduced on 1st April, 1957.

This also includes 50 paise and 25 paise introduced in January, 1972 and 50 paise commemorative, coins introduced on the occasion of the 25th Anniversary (Silver Jubilee) of India's Independence in August, 1972 in addition to 50 paise coins with development oriented designs introduced on 15 August, 1973. This also includes 2 rupee and 50 paise coins (ix Asian games, Delhi) introduced on 3-12-82 and 1 rupee and 50 paise (National Integration) coins introduced on 20-12-82. On the occasion of International Youth year 1985 Proof Coins having the denominations of 10 Re. and 1 Re. were minted/introduced in the year 1986-87 and uncirculated coins having the denomination of Re. 10 was minted/introduced in the year 1986-87 and 1987-88.

**Bronze-** Includes single piece and one naya paise pieces. Bronze naya paise coins were introduced on 1st April, 1957.

**Aluminium Magnesium-** Coins of this metal were first introduced in 1964-65, and it includes, 1 paise, 2 paise, 3 paise and 5 paise coins. 1 paise coins were introduced in October, 1965, 2 paise coins in July, 1965; 3 paise coins in October, 1964 and 5 paise coins in January, 1967 and 10 paise coins in October, 1971 and also includes 10 paise with development oriented designs (Planned Families-Food for All) coins introduced from the 15th August, 1974. This also includes 20 paise and 10 paise (National Integration) coins introduced on 12-10-82.

The term 'Naya paise', was changed to 'Paise' from 1st June, 1964.

**Aluminium Bronze-** Includes 10 paise and 20 paise coins introduced in December 1968, also includes 20 paise coins introduced in October, 1969 in commemoration of Mahatma Gandhi Birth Centenary and also to mark the 25th anniversary of the Establishment of Food and Agriculture Organisation in October, 1970.

**Silver-alloy-** Includes 10 rupee coins introduced in commemoration of Mahatma Gandhi Birth Centenary in October, 1969 and to mark the 25th anniversary of the establishment of Food and Agricultural Organisation in October, 1970. This also includes 10 Rupees commemorative coins minted on the occasion of the 25th Anniversary of India's Independence in August, 1972 in addition to the denomination of 20 rupee and 10 rupee coins with development oriented designs introduced on 15th August, 1973. On the occasion of International Youth year 1985 - 100 Re. Proof coins were minted/introduced in the year 1986-87 and 100 Re. uncirculated coins were minted/introduced in the years 1986-87 and 1987-88.

Table 194

Statistics of Note Circulation in India- Figures are as on the last Friday of March each year except for 1982-83 where figures relate to March 31.

**Notes in Circulation-** Comprise the notes held outside the Reserve Bank, i.e. by the public, banks, treasuries, etc. One rupee notes and coins issued by the Government of India are excluded.

**Gold coins & bullion and foreign securities-** As required in Section 33(2) of the Reserve Bank of India Act, the aggregate value of the gold coin, gold bullion and foreign securities held in the Issue Department at any time should not be less than Rs. 200 crores. Of this, the aggregate value of the gold coin and gold bullion should not be less than Rs. 115 crores.

**Foreign Security-** Represents securities payable in the currency of any foreign country which is a member of the International Monetary Fund.

Rupee Coin- Represents the face value of the whole rupees held at the offices of the Issue Department of the Reserve Bank of India and in currency chests at offices and branches of the Bank and its agencies and sub-agencies including Treasury agencies. Since July 1940, rupee coin holdings include one rupee notes issued by the Government of India under the Currency Ordinance, 1940. Mahatma Gandhi Birth Centenary ten rupee silver coins and World Food & Agriculture Organisation commemorative ten rupee silver coins and Independence Day Silver Jubilee ten rupee coins issued by the Government of India in October, 1969, October, 1970 and August, 1972 and two rupee coins issued since November 1982 are also included.

Government of India rupee Securities- These are securities of any maturity issued by the Central Government in respect of public loans and also include rediscounted treasury bills and Government of India adhoc treasury bills issued to the Reserve Bank. The securities are valued yearly at the market rates on the last working day of the month of June.

Table 195

Money Stock Measures (M1) consist of currency with the public (notes and coins in circulation less cash in hand with banks) and deposit money of the public.

Notes- Comprise the notes issued by the Government of India upto April 1935 and the Reserve Bank since then, less the notes held in the Banking Department of the Reserve Bank. These comprise therefore, the notes held outside the Reserve Bank i.e., by the public, banks, treasuries, etc., and are net of return of about Rs.43 crores of Indian notes from Pakistan upto April 1985.

Rupee coin- As in the case of notes, holdings in the Banking Department of the Reserve Bank of India are excluded, but rupee coin held by Government Treasuries as part of Treasury balances and those held by banks have been included. Ten rupees commemorative coins, issued since October 1969, two rupees coins issued since November 1982 and five rupees coins, issued since November 1985 are also included under rupees coins. Figures are also net of an estimated amount of Rs.15 crores of Indian Rupee Coin in circulation in Pakistan.

Small coins- The circulation of small coins as presented in table 194 includes also small coins held by the Government, Treasuries and banks. As in the case of rupee coins, holdings of small coins in the Banking Department of the Reserve Bank of India are excluded. Figures relate to the last day of the period.

Cash in hand with banks- Relates to such holdings of commercial and co-operative banks coming under the purview of the Banking Regulation Act, 1949.

Table 196

Absorption of small coins- Figures relate to the Indian Union.

## EXCHANGE, COINAGE AND CURRENCY

Table 191-MONEY RATES IN INDIA

(percent per annum)

Year	Reserve Bank		State Bank of India		
	Bank rate	Discount rate (3)	Advance rate	Demand loan rate	
				Scheduled Commercial banks(1)	Co-operative banks(2)
1	2	3	4	5	6
1955-56 . . . . .	3.5	4.5-5	4	3.5	3.5
1960-61 . . . . .	4	5.25-6.5	4.5-5	4-6	4-4.5
1965-66 . . . . .	6	9.25-9.75	7-7.5	7.5-9	6.75-8
1970-71 . . . . .	5-6	8.5-8.75	7-8.5	8.5-12	7.5-8.5
1975-76 . . . . .	9	14-16.5	14	15.5	14.5
1980-81 . . . . .	9	13-15	16.5	15-19.4	..
1984-85 . . . . .	10	17.5-18	16.5	18.0	..
1985-86 . . . . .	10	17-17.5	16.5	17.5	..
1986-87 . . . . .	10	17-17.5	16.5	17.5	..
1987-88 . . . . .	10	15.5	16.5	16.5	..

Year	Major commercial banks			Bazar bill rate		
	Call money rate					
	Bombay	Calcutta	Madras	Bombay	Calcutta	Madras
1	7	8	9	10	11	12
1955-56 . . . . .	2.75	3.16	2.93	10.125	10.50-11.00	12
1960-61 . . . . .	4.24	4.30	3.74	9.00-12.00	9.50-13.00	12.00-13.92
1965-66 . . . . .	6.26	6.81	6.06	12.00-15.00	15.00	17.40-19.80
1970-71 . . . . .	6.38	6.91	6.45	15.00	13.50	21.60-24.00
1975-76 . . . . .	10.55	11.12	9.73	21.00	19.50-21.00	21.00-28.80
1980-81 . . . . .	7.12	8.28	9.42	(a)	(a)	(a)
1984-85 . . . . .	9.95	10.00	9.98	(a)	(a)	(a)
1985-86 . . . . .	10.00	10.00	10.00	(a)	(a)	(a)
1986-87 . . . . .	9.99	10.00	10.00	(a)	(a)	(a)
1987-88 . . . . .	9.98	..	9.92	(a)	(a)	(a)

Source: Reserve Bank of India

- (1) Prior to October, 1960 the rate relates to demand loans above Rs.5 lakhs; the loans below Rs.5 lakhs were charged quarter percent more during this period.
- (2) From January 1, 1966 the rate relates to demand loans of Rs.1 lakh and above, loans below Rs.1 lakh are charged half a percent less.
- (3) Relates to hundi rate, for the years, 1955-56, 1960-61 and 1965-66.
- (a) The series is discontinued since April, 1977.

## EXCHANGE, COINAGE AND CURRENCY

Table 192-SPOT PRICES OF SILVER IN LONDON, NEW YORK AND BOMBAY(1)

Year	London (per gram)			New York(per gram)			Bombay per kg. (2)		
	Highest	Lowest	Average	Highest	Lowest	Average	Highest	Lowest	Average
1	2	3	4	5	6	7	8	9	10
	Pence	Pence	Pence	Cents	Cents	Cents	Rs.	Rs.	Rs.
1951	2.52	2.25	2.50	2.90	2.57	2.87	170.40	149.07	159.37
1956	2.62	2.46	2.54	2.95	2.89	2.92	157.59	132.68	144.65
1961	2.85	2.55	2.58	3.37	2.94	2.77	209.30	181.00	193.64
1966	3.61	3.58	3.59	4.16	4.16	4.16	406.00	281.00	314.62
1971	2.33	1.64	2.03	5.53	4.14	4.97	588.50	483.50	536.08
1976	9.07	6.08	7.80	16.40	12.27	14.90	1,425.00	1,001.00	1,169.36
1981	21.58	13.27	16.57	52.89	25.56	33.85	2,955.00	2,075.00	2,616.63
1985	18.55	12.90	15.35	21.66	17.91	19.75	3,995.00	3,295.00	3,593.59
1986	14.54	10.22	12.00	19.92	15.66	17.59	4,120.00	3,730.00	3,918.35
1987	21.02	11.07	13.77	32.80	17.23	22.54	4,923.00	3,881.00	4,247.10
1988	14.72	10.56	11.81	22.51	19.32	20.93	6,551.00	4,789.00	5,538.83

Source: Reserve Bank of India

(1) The prices of Silver in London and New York per gram are obtained, using the conversion factor 1 fine ounce=31.10grams. Spot quotations for Silver at Bombay relate to 0.999 fineness upto 13th December, 1953; 0.996 fineness upto 1984-85 and 0.999 fineness thereafter.

(2) Data for Bombay relate to the year ending March of the year stated, while those for London and New York markets relate to calendar year.

Note: Figures for 1971 onwards are based on new decimal currency system.

## EXCHANGE, COINAGE AND CURRENCY

Table 193A-NUMBER AND VALUE OF COINS MINTED(1)  
(CALCUTTA MINT )(Number: '000)  
(Value: Rs.'000)

Year ending March	80/82 Silver Alloy		Nickel		Nickel Brass		Aluminium- magnesium	
	Number	Value	Number	Value	Number	Value	Number	Value
1	2	3	4	5	6	7	8	9
1950-51	.	-	-	(20)	-	-	-	-
	.	-	(202)	(..)	-	-	-	-
1955-56	.	-	75,144	25,230	-	-	-	-
	.	-	(202)	(..)	-	-	-	-
1960-61	.	-	85,028	24,658	-	-	-	-
1965-66	.	-	135,484	43,908	550	5	353,010	9,132
1970-71	102	1,020	30,080	15,416	-	-	226,350	6,500
1975-76	.	-	-	-	-	-	1,984	191
1980-81	.	-	-	-	-	-	103,473	9,157
1985-86	.	-	-	-	-	-	454,685	68,279
1987-88	.	-	-	-	-	-	609,890	76,421
1988-89	.	-	-	-	-	-	573,160	73,990

Year ending March	Cupro-Nickel		Bronze		Total	
	Number	Value	Number	Value	Number	Value
1	10	11	12	13	14	15
1950-51	.	3,120	98	20,054	313	23,174
	.					(20)
1955-56	.	7,216	225	..	..	82,360
	.			(1,000)	(..)	(1,202)
1960-61	.	143,700	6,629	95,520	955	324,248
1965-66	.	265,716	17,930	-	-	754,760
1970-71	.	-	-	71,805	14,243	328,337
	.			(a)	(a)	
1975-76	.	3,447	1,480	-	-	5,431
1980-81	.	65,582	56,012	-	-	189,055
1985-86	.	418,615	306,329	-	-	873,300
1987-88	.	512,320	323,008	-	-	1,122,210
1988-89	.	481,101	307,021	-	-	1,054,261

Source: India Government Mint, Calcutta

(1) Number and value of foreign coins minted are indicated within brackets.

(a) Indicates aluminium bronze coins.

## EXCHANGE, COINAGE AND CURRENCY

Table 193B-NUMBER AND VALUE OF COINS MINTED(1)  
(BOMBAY MINT)(Number: '000)  
(Value: Rs.'000)

Year ending March	Alloy		Silver Alloy		Nickel		Nickel Brass		Aluminium- magnesium	
	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value
1	2	3	4	5	6	7	8	9	10	11
1950-51	-	-	-	-	50,627 (2)	36,086 (20)	-	-	-	-
1955-56	-	-	-	-	200	100	-	-	-	-
1960-61	-	-	-	-	48,112	13,604	-	-	-	-
1965-66	-	-	-	-	65,469	23,923	1,510	15	303,235	8,234
1970-71	-	-	304	3,040	12,590	6,348	-	-	32,990	1,643
1975-76	-	-	-	-	-	-	-	-	151,980 (800)	10,158 ..
1980-81	-	-	-	-	-	-	-	-	74,674	6,795
1985-86	-	-	-	-	-	-	-	-	339,078	45,368
1987-88	-	-	-	-	-	-	-	-	429,790	57,479
1988-89	-	-	-	-	-	-	-	-	324,748	43,984

Year ending March	Stainless Steel		Cupro-Nickel		Bronze		Aluminium-Bronze		Total	
	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value
1	12	13	14	15	16	17	18	19	20	21
1950-51			31,504	1,926	45,267	707	-	-	127,398	38,719
1955-56			7,666	317	8,281	129	-	-	16,147	546
1960-61			-	7,197	120,740	1,207	-	-	320,067	22,008
1965-66			191,300	13,390	-	-	-	-	561,514	45,562
1970-71			-	-	-	-	79,217	10,402	125,101	21,433
1975-76			(115,278)	..	-	-	-	-	(115,278)	..
			402,194	214,136	-	-	-	-	554,174	224,294
			(934)	..	-	-	-	-	(1,734)	..
1980-81			97,141	87,902	-	-	-	-	171,815	94,697
1985-86			565,137	463,025	-	-	-	-	904,215	508,393
1987-88			775,104	425,038	-	-	-	-	1,204,894	482,517
1988-89	73,895	20,874	574,482	354,594	-	-	-	-	973,125	419,452

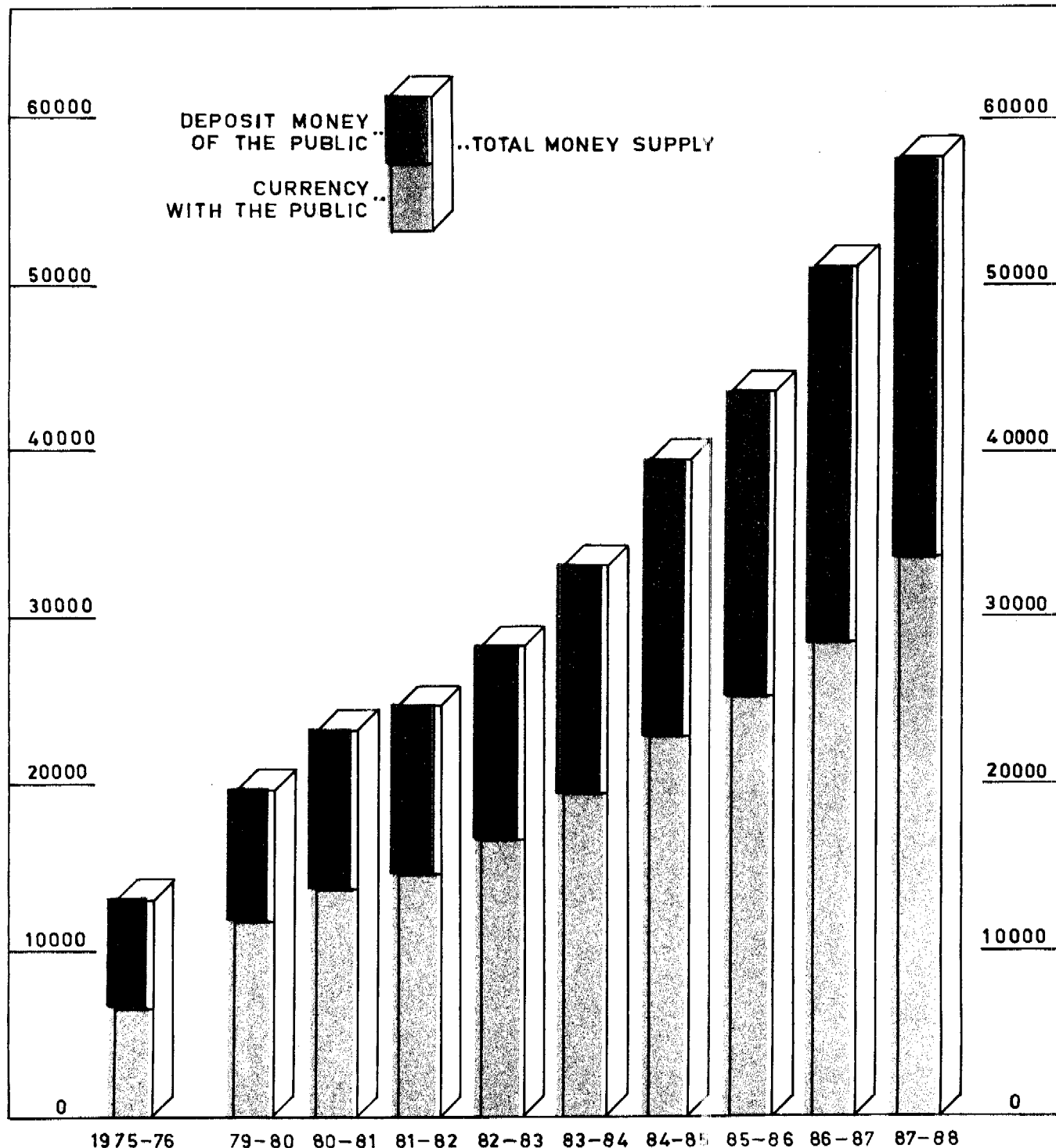
Source: India Government Mint, Bombay

(1) Number and value of foreign coins minted are indicated within brackets.



# MONEY STOCK MEASURES

RUPEES CRORES



## EXCHANGE, COINAGE AND CURRENCY

Table 194-STATISTICS OF NOTE CIRCULATION IN INDIA

(Rs.lakhs)

Last Friday of March	Notes issued	Notes held in the banking deptt.	Notes in circulation	Reserve against note issue			
				Gold coin & bullion(1)	Rupee coin	Government of India Rupee securities	Foreign securities
1	2	3	4	5	6	7	8
1970-71	422,136	959	421,177	18,253	5,168	371,373	27,342
1975-76	657,262	3,761	653,501	18,253	1,290	610,545	27,174
1980-81	1,375,550	2,270	1,373,280	22,558	5,596	1,110,990	256,406
1982-83(a)	1,704,584	4,604	1,699,980	22,558	2,636	1,522,985	156,406
1983-84	1,994,670	1,531	1,993,139	22,558	1,724	1,813,982	156,406
1984-85	2,314,974	1,822	2,313,152	24,578	1,233	2,132,757	156,406
1985-86	2,553,472	1,596	2,551,876	24,667	7,214	2,365,185	156,406
1986-87	2,877,530	1,316	2,876,213	27,428	4,528	2,689,168	156,406
1987-88	3,382,688	1,517	3,381,171	27,428	5,076	3,193,778	156,406
1988-89	3,366,747	2,364	3,864,383	27,428	7,150	3,675,763	156,406

Source: Reserve Bank of India

(1) Gold is valued at Rs.84.39 per ten grammes.

(a) Data pertain to March 31.

Table 195-MONEY STOCK MEASURES

(Rs.crores)

Last Friday	Currency with the Public					Deposit Money of the public	Total money supply M1 (col.6+7)
	Notes in circulation (2)	Circulation of Rupee coins(1)	Circulation of small coin(1)	Cash on hand with bank(3)	Total (Col.2+3+ 4-5)		
	1	2	3	4	5		
1975-76	6,492	331	224	343	6,704	6,439	13,143
1976-77	7,700	335	233	395	7,873	7,736	15,609
1979-80	11,777	324	268	682	11,687	8,266(a)	19,953
1980-81	13,689	333	286	844	13,464	9,653	23,117
1982-83(b)	16,957	362	321	980	16,659	11,876	28,535
1983-84	19,888	386	333	1,054	19,553	13,513	33,066
1984-85	23,088	426	351	1,202	22,664	16,985	39,649
1985-86	25,519	531	409	1,291	25,168	18,431	43,599
1986-87	28,762	709	483	1,369	28,585	22,592	51,177
1987-88	33,812	839	541	1,542	33,650	24,152	57,802

Source: Reserve Bank of India

(1) Estimated.

(2) Net of return of about Rs.43 crores of Indian Notes from Pakistan upto April, 1985.

(3) Banks include commercial and co-operative banks.

(a) Include data on demand deposits with scheduled commercial banks from 1977-78 to 1980-81 which were reworked on a uniform basis of classification of their saving bank deposits.

(b) Data pertain to March 31.

## EXCHANGE, COINAGE AND CURRENCY

Table 196—MOVEMENTS IN CIRCULATION OF DECIMAL COINS  
(Denomination-wise)

[Absorption (+) or Return (-)]

(Rs.'000)

Year	Fifty paise	Twenty- five paise	Twenty paise	Ten paise	Five paise	Three paise	Two paise	One paise	Total paise
1	2	3	4	5	6	7	8	9	10
1970-71	+20587	+3879	+34013	+5863	+22797	+6213	+3018	+1154	+97524
1975-76	+44403	+58317	-241	+33696	+15811	-60	+3544	+30	+155500
1979-80	+49843	+55557	+359	+29060	+14190	-341	+1813	-17	+150464
1980-81	+65183	+68157	+234	+31288	+17593	-175	+1810	-23	+184067
1982-83	+33830	+77345	+87	+26860	+9353	-342	-197	-14	+146922
1983-84	+30306	+42690	+30981	+14879	+7493	-291	+60	-24	+126094
1984-85	+28350	+35690	+80651	+24777	+5352	-102	-72	-10	+174636
1985-86	+355879	+88349	+94256	+40532	+8341	+47	+141	+65	+587610
1986-87	+422108	+161615	+90059	+50896	+4878	+22	+33	-53	+729558
1987-88(P)	+253328	+170895	+88162	+45938	+5556	-461	-153	-34	+563231

Source: Reserve Bank of India

## Notes:

1. Data are exclusive of balances held in Banking Department.
2. Data relating to return of Anna-Pie coins have not been taken into account due to non-availability of comparable data for some periods. Error on account of this is negligible.

## ***CRIME STATISTICS***

**T**his section includes tables providing statistics of crime in India. The statistics are collected by the Bureau of Police Research and Development, Ministry of Home Affairs till 1983 publications and National Crime Records Bureau, Ministry of Home Affairs from 1984 publication onwards, from the Police Authorities of the State Governments. All India information relates to the sum-total of available data of States only and is, therefore, subject to revision.

### Table 197

This table presents the incidence of IPC crimes under important heads of crime. The incidence of theft includes cattle theft and ordinary theft. The incidence shown under 'other' includes kidnapping and abduction, criminal breach of trust, cheating, counterfeiting and miscellaneous crime.

### Tables 198 and 199

These tables provide statistics of cognizable crimes classified by cases and by persons separately. Table 198 gives the disposal of cases by courts and table 199 gives the disposal of persons by courts.

### Table 200

This table gives information relating to 'Recidivism-total cognizable crime'.

### Table 201

Information relating to value of property stolen and recovered is given in this table.

### Tables 202 to 207

These tables present data relating to juvenile delinquency in India.

### Table 208

Information relating to number of persons arrested under important heads of crime and classified according to sex, is given in this table.

### Table 209

This table presents number of cases reported due to various motives of murder and culpable homicide not amounting to murder.

### Tables 210 and 211

The actual strength both armed and civil police, as on 31st December of the year stated, under different ranks, is furnished in table 210. The information relating to civil police also includes district armed reserved police. Table 211 gives information relating to area and number of persons served by police force.

## CRIME STATISTICS

Table 197-NUMBER OF COGNIZABLE CRIME REPORTED

Year/State	Murder	Dacoity	Robbery	Burglary	Thefts	Riots	Others	Total
1	2	3	4	5	6	7	8	9
1952	10,343	7,531	9,571	150,809	251,816	(a)	182,170	612,010
1956	10,025	5,397	7,618	134,556	236,214	24,700	166,707	585,217
1961	10,588	4,213	6,428	122,605	232,868	27,199	221,150	625,051
1966	12,631	4,817	8,585	150,180	298,701	34,696	285,123	794,733
1971	16,180	11,193	18,402	168,807	335,204	64,114	341,681	952,581
1976	16,673	10,910	17,974	168,655	365,138	63,675	450,872	1,093,897
1980	22,149	15,194	23,493	166,695	431,036	106,957	603,005	1,368,529
1981	22,727	14,626	22,996	157,540	422,059	110,361	635,448	1,385,757
1982	23,339	12,700	21,938	142,726	375,240	106,511	671,450	1,353,904
1983	25,112	12,382	21,310	139,103	353,536	108,101	690,322	1,349,866
1983								
State:								
Andhra Pradesh	1,401	374	532	6,529	17,251	3,813	54,873	84,773
Assam	1,911	519	698	4,392	9,735	9,917	21,807	48,979
Bihar	3,107	3,607	2,156	10,446	27,955	17,567	43,824	108,662
Gujarat	958	186	827	5,620	18,882	1,974	51,112	79,559
Haryana	366	26	86	2,300	3,261	215	10,520	16,774
Himachal Pradesh	64	2	23	462	561	217	3,101	4,430
Jammu & Kashmir	103	33	46	1,366	2,573	2,022	10,996	17,139
Karnataka	947	166	589	9,069	17,462	5,735	43,336	77,304
Kerala	514	33	138	4,119	3,468	5,440	33,597	47,309
Madhya Pradesh	2,593	497	2,060	21,613	42,081	6,602	90,309	166,355
Maharashtra	1,973	595	3,334	16,890	53,641	9,037	71,779	157,249
Manipur	71	31	66	265	548	226	1,862	3,069
Meghalaya	61	31	37	258	460	59	740	1,646
Nagaland	27	6	49	319	470	39	1,030	1,940
Orissa	566	377	836	6,522	12,285	2,761	21,315	44,662
Punjab	591	9	64	1,018	1,703	89	10,486	13,960
Rajasthan	979	147	1,217	6,431	12,202	11,874	38,517	71,367
Sikkim	7	3	5	28	85	7	122	257
Tamil Nadu	1,310	63	373	11,446	29,566	9,575	62,083	114,416
Tripura	111	228	200	1,175	1,471	374	2,341	5,900
Uttar Pradesh	5,752	4,210	5,710	22,494	49,804	9,016	67,940	164,926
West Bengal	1,327	1,193	1,339	3,667	32,031	10,952	30,730	81,239
Union Territory:								
A & N Islands	12	..	6	50	164	42	481	755
Arunachal Pradesh	34	7	17	131	237	19	626	1,071
Chandigarh	19	..	11	140	735	19	688	1,612
D & N Haveli	7	2	4	36	25	5	126	205
Delhi	245	29	211	1,503	13,028	173	12,171	27,360
Goa, Daman and Diu	20	3	44	536	805	234	1,294	2,936
Lakshadweep	..	..	..	1	6	1	10	18
Mizoram	22	3	23	81	262	1	1,304	1,696
Pondicherry	14	2	9	196	779	96	1,202	2,298

Source: National crime Records Bureau,  
Ministry of Home Affairs

(a) Included under others.

## CRIME STATISTICS

Table 198-TOTAL COGNIZABLE CRIME-CASES.

Year	Total cases for trial during the year including the cases carried over from previous year	Compounded or withdrawn	Cases in which trials were completed			Cases pending trial at the end of the year
			Total	Cases convicted	Cases acquitted or discharged	
1	2	3	4	5	6	7
1968 . . . .	755,221	57,122	289,036	189,566	99,500	408,983
1971 . . . .	943,394	67,300	301,869	187,072	114,797	574,225
1976 . . . .	1,562,661	89,902	427,474	261,842	165,632	1,045,285
1977 . . . .	1,662,522	95,652	338,089	251,766	186,323	1,128,781
1978 . . . .	1,804,161	108,048	455,648	254,712	200,936	1,240,465
1979 . . . .	1,917,003	110,286	477,374	259,109	218,265	1,329,323
1980 . . . .	2,057,641	117,757	504,132	270,171	233,961	1,435,752
1981 . . . .	2,111,791	121,896	505,412	265,531	239,881	1,484,483
1982 . . . .	2,304,389	129,556	552,054	286,690	265,364	1,622,779
1983 . . . .	2,491,328	128,446	555,121	273,360	278,761	1,807,761

Source: National Crime Records Bureau,  
Ministry of Home Affairs

Table 199-TOTAL COGNIZABLE CRIME-PERSONS

Year	Total number of persons under trial during the year including the persons carried over from previous year	Persons against whom cases were compounded or with drawn	Persons in custody or on bail at the end of the year	Persons whose cases trial were completed during the year		
				Total	persons convicted	persons acquitted
1	2	3	4	5	6	7
1968 . . . .	1,763,144	133,283	1,052,708	577,653	301,880	275,773
1971 . . . .	2,379,064	154,698	1,590,010	634,356	311,780	322,576
1976 . . . .	3,885,474	216,805	2,733,221	935,448	460,162	475,286
1977 . . . .	4,097,152	228,507	2,948,764	919,881	436,516	483,365
1978 . . . .	4,550,959	281,943	3,225,335	1,043,681	486,576	557,105
1979 . . . .	4,821,917	288,804	3,465,483	1,067,631	474,170	593,461
1980 . . . .	4,930,408	310,139	3,546,475	1,073,794	467,303	606,491
1981 . . . .	5,279,541	317,281	3,754,473	1,180,480	503,060	677,420
1982 . . . .	5,559,272	304,754	4,034,682	1,219,836	517,425	702,411
1983 . . . .	6,002,056	316,063	4,358,630	1,327,363	587,175	740,188

Source: National Crime Records Bureau,  
Ministry of Home Affairs

## CRIME STATISTICS

Table 200-RECIDIVISM-TOTAL COGNIZABLE CRIME

Year	Number of new offenders arrested	Number of offenders convicted in the past			Total (Cols. 2-5)
		Once	Twice	Three times or more	
1	2	3	4	5	6
1971	924,863	53,659	13,198	7,561	999,281
1975	1,323,922	68,922	22,367	9,875	1,425,086
1976	1,305,296	72,787	23,234	10,062	1,411,379
1977	1,417,717	84,057	25,002	11,739	1,538,515
1978	1,624,920	121,958	30,895	13,929	1,791,702*
1979	1,674,727	107,487	27,618	12,745	1,822,577
1980	1,705,703	106,416	24,415	8,556	1,845,090
1981	1,864,103	91,464	26,691	12,663	1,994,921
1982	1,866,540	86,895	22,069	11,089	1,986,593
1983	1,934,377	83,308	20,776	10,331	2,048,792

Source: National Crime Records Bureau,  
Ministry of Home Affairs

\* Excluding Delhi due to non-availability of data on recidivism.

Table 201-PROPERTY STOLEN AND RECOVERED (No. of cases)

Year	Dacoity		Robbery		Burglary		Theft	
	Stolen	Recovered	Stolen	Recovered	Stolen	Recovered	Stolen	Recovered
1	2	3	4	5	6	7	8	9
1968	24,811	1,408	5,921	1,630	106,265	21,654	113,107	35,858
1971	33,357	3,972	11,057	2,295	101,440	13,821	162,690	48,937
1976	158,353	125,162	26,104	9,554	190,530	40,355	327,464	139,846
1977	40,538	5,904	24,735	5,638	152,325	38,619	375,700	134,435
1978	77,867	8,464	54,968	8,067	245,618	50,846	451,781	173,374
1979	11,348	2,425	20,419	5,801	155,787	37,412	386,625	106,474
1980	12,327	2,415	21,145	6,019	156,182	38,921	379,100	114,300
1981	11,630	2,641	20,729	6,839	145,245	31,641	397,223	133,547
1982	11,040	2,281	19,392	6,532	126,820	34,867	349,037	102,976
1983	10,386	2,379	18,942	6,581	125,475	36,527	319,583	104,945

Year	Criminal breach of trust		Other offences		Total	
	Stolen	Recovered	Stolen	Recovered	Stolen	Recovered
1	10	11	12	13	14	15
1968	30,167	5,736	15,510	2,810	295,781	69,096
1971	42,500	6,400	34,412	12,858	385,456	88,283
1976	197,963	18,571	75,607	17,035	976,021	350,523
1977	103,182	12,758	135,556	10,494	832,036	207,848
1978	106,370	11,298	53,162	12,531	989,766	264,580
1979	19,287	4,400	13,637	7,152	607,103	163,664
1980	19,242	4,289	16,187	6,766	604,183	172,710
1981	16,973	5,202	10,802	7,007	602,602	186,877
1982	14,997	4,080	20,065	5,038	541,351	155,774
1983	14,700	3,884	14,867	4,626	503,953	158,942

Source: National Crime Records Bureau,  
Ministry of Home Affairs

## CRIME STATISTICS

Table 202-JUVENILE DELINQUENCY  
(Number of cases reported under important I.P.C.Cognizable Crime Heads)

Year/State	Murder	Culpable homicide	Rape	Kidnapping & abduction	Dacoity	Robbery	Burglary
1	2	3	4	5	6	7	8
1968	312	..	..	187	82	170	2,999
1971	520	52	148	288	122	312	4,471
1976	586	191	218	376	222	514	5,720
1977	864	59	235	329	285	630	6,549
1978	718	89	287	597	288	741	6,218
1979	812	92	312	493	359	743	6,275
1980	1,038	89	459	482	155	941	6,434
1981	1,228	92	438	527	613	1,057	6,720
1982	1,289	72	441	612	651	982	6,214
1983	1,257	84	454	665	548	991	5,795
1983							
States:							
Andhra Pradesh	23	1	27	26	90	38	274
Assam	173	9	27	92	106	159	671
Bihar	63	-	39	24	70	50	189
Gujarat	153	-	13	117	22	75	496
Haryana	39	17	14	21	-	1	127
Himachal Pradesh	7	4	6	19	-	2	54
Jammu & Kashmir	7	-	2	8	2	-	18
Karnataka	16	-	8	1	5	34	256
Kerala	3	-	3	-	-	1	19
Madhya Pradesh	239	1	131	73	26	162	779
Maharashtra	287	4	97	63	118	282	1,244
Manipur	17	-	-	43	10	3	51
Meghalaya	1	-	-	-	-	-	12
Nagaland	-	-	-	-	-	-	-
Orissa	1	-	-	-	14	5	137
Punjab	11	2	4	4	-	1	33
Rajasthan	71	2	30	79	11	56	179
Sikkim	-	-	-	-	-	-	1
Tamil Nadu	63	1	7	4	-	4	551
Tripura	-	1	-	20	32	30	365
Uttar Pradesh	1	-	1	-	-	1	1
West Bengal	34	6	21	27	40	50	133
Union Territory:							
A. & N. Islands	-	-	4	-	-	2	9
Arunachal Pradesh	2	-	-	-	-	1	7
Chandigarh	-	2	-	2	-	2	8
D. & N. Haveli	-	-	-	-	1	-	-
Delhi	44	34	15	37	1	25	122
Goa, Daman & Diu	1	-	-	3	-	5	33
Lakshadweep	-	-	-	-	-	-	-
Mizoram	-	-	3	-	-	1	5
Pondicherry	1	-	2	2	-	1	21
City:							
Ahmedabad	17	-	1	34	3	3	93
Bangalore	-	-	1	-	-	12	82
Bombay	2	1	5	2	-	7	-
Calcutta	-	-	-	-	-	2	-
Delhi	44	34	15	37	1	25	122
Hyderabad	8	-	7	14	-	2	17
Kanpur	-	-	-	-	-	-	-
Madras	3	-	1	1	-	-	38

Source: National Crime Records Bureau,  
Ministry of Home Affairs



## CRIME STATISTICS

Table 202-JUVENILE DELINQUENCY-contd.  
(Number of cases reported under important I.P.C.Cognizable Crime Heads)

Year/State	Thefts	Riots	Criminal breach of trust	Cheating	Counter feiting	Miscella- neous	Total Cognizable Crimes
1	9	10	11	12	13	14	15
1968	9,415	713	218	137	1	7,151	21,365
1971	10,422	1,729	214	224	2	8,342	26,846
1976	14,444	2,871	195	260	3	11,415	37,915
1977	16,069	4,903	265	219	-	13,801	44,008
1978	14,148	5,049	244	292	3	15,610	44,294
1979	15,376	6,195	224	259	2	15,209	46,351
1980	17,093	8,384	287	292	2	19,473	55,129
1981	17,516	9,979	272	285	15	22,727	61,469
1982	14,029	10,906	226	330	3	59,345	59,345
1983	13,531	8,795	226	281	18	22,828	55,473
1983							
State:							
Andhra Pradesh	794	164	4	18	-	-	1,459
Assam	1,006	2,283	32	16	-	1,858	6,432
Bihar	682	702	15	14	-	567	2,415
Gujarat	1,300	509	37	56	-	3,984	6,762
Haryana	219	52	1	5	-	741	1,237
Himachal Pradesh	57	61	3	2	-	304	519
Jammu & Kashmir	21	110	-	-	-	132	300
Karnataka	805	314	5	6	1	636	2,087
Kerala	30	47	-	-	-	44	147
Madhya Pradesh	1,594	915	19	42	-	5,119	9,000
Maharashtra	2,891	1,615	63	73	1	5,181	11,919
Manipur	78	102	-	2	3	107	416
Meghalaya	19	18	-	2	-	24	76
Nagaland	-	-	-	-	-	-	-
Orissa	429	-	1	-	-	29	616
Punjab	49	-	-	-	-	686	790
Rajasthan	395	738	16	13	-	1,354	2,844
Sikkim	9	11	-	-	-	4	25
Tamil Nadu	1,511	273	1	6	12	755	3,188
Tripura	515	117	-	5	-	-	1,085
Uttar Pradesh	29	-	-	-	-	14	47
West Bengal	468	632	5	4	-	228	1,648
Union Territory:							
A. & N. Islands	17	15	-	-	-	22	69
Arunachal Pradesh	26	1	-	-	-	17	54
Chandigarh	17	1	-	-	-	19	51
D. & N. Haveli	2	4	-	-	-	4	11
Delhi	382	37	9	14	-	707	1,427
Goa, Daman & Diu	66	51	3	2	-	99	263
Lakshadweep	1	-	-	-	-	2	3
Mizoram	79	-	12	-	1	176	277
Pondicherry	40	23	-	1	-	115	206
City:							
Ahmedabad	297	139	4	9	-	862	1,462
Bangalore	258	26	-	5	-	239	623
Bombay	183	9	1	-	-	102	312
Calcutta	27	12	-	-	-	-	41
Delhi	382	37	9	14	-	707	1,427
Hyderabad	28	63	-	-	-	-	139
Kanpur	2	-	-	-	-	-	2
Madras	514	14	-	-	-	1,054	1,625

## CRIME STATISTICS

Table 203-JUVENILES APPREHENDED UNDER CONGNIZABLE CRIME

Year/State	Indian Penal Code			Local & Special Laws		
	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7
1971	34,916	1,470	36,386	63,071	3,962	67,033
1976	49,239	2,126	51,365	75,330	7,278	82,608
1977	59,230	2,627	61,857	79,302	7,763	87,065
1978	62,909	2,821	65,730	88,278	6,911	95,189
1979	67,497	3,062	70,559	92,813	6,671	99,484
1980	81,777	4,140	85,917	96,352	5,316	101,668
1981	79,060	3,261	82,321	102,828	5,418	108,246
1982	72,907	4,220	77,127	84,757	6,453	91,210
1983	78,133	4,338	82,471	82,380	6,763	89,143
1984						
States:						
Andhra Pradesh	1,741	159	1,900	1,566	345	1,911
Assam	6,996	1,155	8,151	444	4	448
Bihar	3,834	67	3,901	204	6	210
Gujarat	10,180	549	10,729	20,807	1,679	22,486
Haryana	1,614	30	1,644	1,656	3	1,659
Himachal Pradesh	711	102	813	158	39	197
Jammu & Kashmir	1,367	42	1,409	318	-	318
Karnataka	2,572	111	2,683	2,570	548	3,118
Kerala	234	30	264	26	-	26
Madhya Pradesh	12,439	250	12,689	3,978	7	3,985
Maharashtra	17,602	1,078	18,680	26,098	1,645	27,743
Manipur	516	70	586	66	10	76
Meghalaya	109	10	119	26	5	31
Nagaland	-	-	-	-	-	-
Orissa	734	11	745	97	-	97
Punjab	802	5	807	1,094	-	1,094
Rajasthan	5,354	233	5,587	638	6	644
Sikkim	23	2	25	-	-	-
Tamil Nadu	3,372	156	3,528	18,738	2,318	21,056
Tripura	2,315	26	2,341	54	-	54
Uttar Pradesh	75	-	75	168	2	170
West Bengal	2,447	135	2,582	734	86	820
Union Territory:						
A. & N. Islands	69	-	69	87	-	87
Arunachal Pradesh	64	1	65	-	-	-
Chandigarh	82	1	83	174	-	174
D. & N. Haveli	11	-	11	1	-	1
Delhi	1,917	16	1,933	1,760	25	1,785
Goa, Daman & Diu	330	40	370	86	8	94
Lakshadweep	12	-	12	-	-	-
Mizoram	348	49	397	136	-	136
Pondicherry	263	10	273	696	27	723
City:						
Ahmedabad	1,979	121	2,100	7,778	392	8,170
Bangalore	841	24	865	966	83	1,049
Bombay	316	29	345	1,237	709	1,946
Calcutta	43	3	46	36	-	36
Delhi	1,917	16	1,933	1,760	25	1,785
Hyderabad	138	8	146	1,541	19	1,560
Kanpur	2	-	2	-	-	-
Madras	1,251	49	1,300	1,369	183	1,552

Source: National Crime Records Bureau,  
Ministry of Home Affairs.

## CRIME STATISTICS

Table 204- JUVENILE DELINQUENCY UNDER LOCAL AND SPECIAL LAWS (CASES REPORTED)

Year/State	Arms Act	Opium Act	Gamb- ling Act	Excise prohib- ition Act	Explo- sive Act	SIT* Act	Motor Vehicle Act	Indian Railways Act	Other Offen- ces	Total	
1	2	3	4	5	6	7	8	9	10	11	12
1971	237	163	16,244	3,193	38,369	95	1,617	9,466	16,099	57,277	142,700
1976	370	181	7,148	2,180	15,307	27	1,703	611	1,236	39,499	68,262
1977	388	214	11,727	1,966	23,768	29	1,843	656	3,665	26,178	73,434
1978	825	212	16,402	2,573	24,483	24	1,616	1,167	800	41,660	89,762
1979	1,127	163	14,748	2,570	25,969	34	1,583	1,708	2,921	33,271	84,094
1980	1,348	205	18,423	2,447	29,419	28	1,033	1,852	722	27,416	82,893
1981	7,602	407	22,429	4,661	25,654	168	1,855	4,100	4,393	36,977	108,246
1982	1,233	165	18,054	2,936	21,836	38	1,934	1,851	1,824	34,906	84,777
1983	1,576	161	13,405	2,276	21,371	88	2,645	1,662	1,795	28,412	73,391
1983											
State:											
Andhra Pradesh	-	-	6	-	-	-	24	-	-	111	141
Assam	4	-	61	26	8	62	-	-	11	153	325
Bihar	51	-	29	49	-	7	-	-	2	44	182
Gujarat	7	-	4,330	-	9,595	-	1	-	2	4,801	18,736
Haryana	139	54	440	618	-	-	-	-	22	81	1,354
Himachal Pradesh	4	5	-	141	-	-	-	-	-	31	182
Jammu & Kashmir	-	-	-	-	-	-	-	-	-	2	2
Karnataka	5	-	300	136	-	2	490	1,216	1	626	2,776
Kerala	-	-	13	-	-	-	-	-	-	-	13
Madhya Pradesh	153	2	1,044	504	-	4	-	248	680	635	3,270
Maharashtra	86	-	5,627	-	8,705	4	7	26	946	8,546	23,947
Manipur	10	-	7	22	-	1	-	15	-	21	76
Meghalaya	1	-	2	1	3	-	-	-	-	6	13
Nagaland	-	-	-	-	-	-	-	-	-	-	-
Orissa	-	-	-	-	-	-	-	-	-	90	90
Punjab	154	55	319	478	-	-	-	-	28	48	1,082
Rajasthan	57	8	153	20	-	2	-	83	31	32	386
Sikkim	-	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	-	-	532	-	3,060	-	2,106	17	2	12,004	17,721
Tripura	-	-	4	9	-	4	-	-	-	15	32
Uttar Pradesh	11	-	-	4	-	-	-	-	19	65	99
West Bengal	8	-	89	4	-	-	-	2	21	383	507
Union Territory:											
A. & N. Islands	-	-	20	64	-	-	-	3	-	-	87
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	-	-
Chandigarh	32	15	21	30	-	-	-	-	-	65	163
D. & N. Haveli	-	-	-	-	-	1	-	-	-	-	1
Delhi	853	22	268	156	-	1	10	-	25	71	1,406
Goa, Daman & Diu	-	-	47	5	-	-	-	-	5	26	83
Lakshadweep	-	-	-	-	-	-	-	-	-	-	-
Mizoram	-	-	6	-	-	-	-	-	-	21	27
Pondicherry	1	-	87	9	-	-	7	52	-	534	690
City:											
Ahmedabad	3	-	2,358	-	2,805	-	1	-	-	1,736	6,903
Bangalore	-	-	61	48	-	2	49	656	-	112	928
Bombay	-	-	18	-	6	-	-	-	-	1,904	1,928
Calcutta	-	-	-	2	-	-	-	-	-	34	36
Delhi	853	22	268	156	-	1	10	-	25	71	1,406
Hyderabad	-	-	23	387	-	-	-	-	-	1,150	1,560
Kanpur	-	-	-	-	-	-	-	-	-	-	-
Madras	-	-	211	-	18	-	92	-	-	1,209	1,530

Source: National Crime Records Bureau,  
Ministry of Home Affairs

\* Suppression of Immoral Traffic.

## CRIME STATISTICS

Table 205- JUVENILES APPREHENDED  
(BY AGE GROUP & SEX)

Head of Crime	Between 7-12 Years		Between 12-16 Years		Between 16-18 Years		Between 18-21 Years		All age group		
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10	11	12
1971	5,058	469	12,142	566	13,373	567	67,414	3,830	97,987	5,432	103,419
1976	17,663	2,043	22,264	1,809	19,156	804	65,486	4,748	124,569	9,404	133,973
1977	13,595	1,518	20,040	1,351	22,446	1,565	82,451	5,956	138,532	10,390	148,922
1978	10,670	1,285	17,360	1,574	24,022	1,466	99,135	5,387	151,187	9,732	160,919
1979	9,511	1,028	16,995	1,320	24,691	1,535	109,113	5,850	160,310	9,733	170,043
1980	9,488	969	18,625	1,423	34,932	1,967	115,084	5,097	178,129	9,456	187,585
1981	8,672	813	16,669	980	32,145	1,824	124,402	5,062	181,888	8,679	190,567
1982	7,288	984	14,134	1,084	23,887	1,731	112,355	6,874	157,664	10,673	168,337
1983	7,441	849	15,543	1,406	23,813	2,340	113,716	6,506	160,513	11,101	171,614
1983											
I- I.P.C. Crimes											
Murder	26	7	146	14	262	21	1,462	65	1,896	107	2,003
Culpable Homicide not amounting to murder	1	-	6	-	23	4	84	5	114	9	123
Rape	9	-	30	1	99	3	442	3	580	7	587
Kidnapping and Abduction	3	-	27	7	115	30	628	17	773	54	827
Dacoity	2	3	27	1	139	1	1,019	3	1,187	8	1,195
Robbery	11	-	46	1	172	-	1,163	9	1,392	9	1,401
Burglary	241	5	1,066	16	1,309	40	4,803	95	7,419	156	7,585
Thefts	663	69	2,421	116	2,737	104	10,156	248	15,977	537	16,514
Riots	130	13	1,026	110	2,773	164	13,553	779	17,482	1,066	18,548
Criminal Breach of Trust	2	-	10	-	18	1	193	2	223	3	226
Cheating	2	1	13	-	28	4	291	21	334	26	360
Counterfeiting	1	-	2	-	1	-	6	-	10	-	10
Total Cognizable Crime under I.P.C.	1,649	221	7,001	642	12,578	1,028	56,905	2,447	78,133	4,338	82,471
II- Crime under local and Special Laws											
Arms Act	3	-	19	-	205	-	1,376	2	1,603	2	1,605
Opium Act	..	-	5	-	41	-	123	-	169	-	169
Gambling Act	85	1	777	1	2,793	-	16,542	33	20,197	35	20,232
Excise Act	17	-	307	4	641	23	1,621	47	2,586	74	2,660
Prohibition Act	240	40	1,778	218	2,805	210	15,596	1,653	20,419	2,121	22,540
Explosives Act & Ex- plosive Substances Act	..	-	1	-	36	-	81	-	118	-	118
SIT* Act	..	-	5	71	28	746	362	1,462	395	2,279	2,674
Motor Vehicle Act	1	-	238	-	341	-	1,026	-	1,606	-	1,606
Prevention of corrup- tion Act	-	-	-	-	-	-	50	-	50	-	50
Customs Act	-	-	-	-	-	-	-	-	-	-	-
Indian Railways Act	32	1	58	-	216	-	1,543	14	1,849	15	1,864
Other Offences	5,414	586	5,354	470	4,129	333	18,491	848	33,388	2,237	35,625
Total Cognizable Crimes under local and Special Laws	5,792	628	8,542	764	11,235	1,312	56,811	4,059	82,380	6,763	89,143

Source: National Crime Records Bureau,  
Ministry of Home Affairs

\* Suppression of Immoral Traffic in Women and Girls.

## CRIME STATISTICS

Table 206- PARTICULARS OF JUVENILES ARRESTED UNDER IPC COGNIZABLE CRIME AND OFFENCES UNDER LOCAL AND SPECIAL LAWS

Year/State	By Religion					By Community			By Education		
	Total	Hindu	Muslim	Sikh	Chris- tian	Others	Sch. Castes	Sch. Tribes	Others	Illit- erate	Below Primary
1	2	3	4	5	6	7	8	9	10	11	12
1968	73,458	..	..	..	..	..	..	..	..	..	..
1971	97,685	64,847	17,494	905	2,876	11,563	20,526	13,932	63,227	52,188	32,914
1976	132,748	88,312	23,577	2,477	6,395	11,987	42,662	17,827	72,259	65,122	46,982
1977	145,927	95,797	29,185	2,483	6,141	12,321	42,792	26,998	76,137	65,710	43,532
1978	157,020	106,219	25,121	1,473	6,091	18,116	51,675	17,262	88,083	74,213	54,003
1979	166,674	108,167	27,991	2,157	4,565	23,794	37,127	19,143	110,404	74,521	61,648
1980	181,501	106,133	28,595	2,811	5,272	38,690	35,206	23,332	122,963	93,577	54,456
1981	190,506	112,699	41,449	2,957	5,728	27,673	41,145	29,990	119,371	88,775	61,251
1982	165,337	107,343	31,530	1,743	6,351	18,370	35,016	26,772	103,549	71,751	55,219
1983	171,614	110,160	31,848	1,912	6,761	17,215	33,871	19,209	114,816	74,303	51,904
1983											
State:											
Andhra Pradesh	3,811	2794	282	46	437	252	1,527	274	2,010	2,694	566
Assam	8,599	3,740	3,847	68	310	634	2,324	980	5,295	2,377	1,878
Bihar	4,111	2,829	964	27	90	201	980	774	2,357	1,822	1,105
Gujarat	33,215	23,293	7,857	199	414	1,452	6,579	4,898	21,738	15,188	11,942
Haryana	3,303	1,958	256	420	68	601	804	431	2,068	1,548	1,176
Himachal Pradesh	1,010	888	15	49	7	51	214	32	764	144	339
Jammu & Kashmir	1,727	345	1,349	13	3	17	80	-	1,647	1,498	89
Karnataka	5,801	3,554	883	7	229	1,128	502	328	4,971	3,650	1,234
Kerala	290	174	52	-	64	-	10	5	275	54	115
Madhya Pradesh	16,574	13,201	2,113	161	112	1,087	1,417	1,012	14,245	8,361	3,406
Maharashtra	46,423	26,701	8,924	658	1,489	8,651	10,736	6,961	28,726	18,108	16,797
Manipur	662	127	198	-	249	88	49	193	420	46	130
Meghalaya	150	47	16	-	37	50	41	44	65	61	49
Nagaland	0	-	-	-	-	-	-	-	-	-	-
Orissa	842	681	45	3	35	78	194	156	492	308	329
Punjab	1,901	781	2	-	27	1,091	382	418	1,101	667	512
Rajasthan	6,231	4,710	1,004	202	38	277	926	1,026	4,279	1,986	1,088
Sikkim	25	15	-	-	1	9	2	2	21	-	19
Tamil Nadu	24,584	19,473	2,367	-	2,288	456	5,827	369	18,388	13,661	8,127
Tripura	2,395	1,848	295	-	-	252	405	315	1,675	142	750
Uttar Pradesh	245	132	68	-	-	45	86	17	142	112	62
West Bengal	3,402	1,469	1,159	-	174	600	514	428	2,460	1,194	1,169
Union Territory:											
A. & N. Islands	156	104	33	4	15	-	-	-	156	20	117
Arunachal Pradesh	65	7	-	1	57	-	2	56	7	7	48
Chandigarh	257	99	7	42	5	104	29	23	205	86	146
D. & N. Haveli	12	12	-	-	-	-	-	9	3	3	7
Delhi	3,718	..	..	..	..	..	..	..	..	..	..
Goa, Daman & Diu	464	275	56	12	119	2	-	-	463	98	116
Lakshadweep	12	-	12	-	-	-	-	12	-	-	-
Mizoram	533	17	31	-	423	62	48	435	50	35	40
Pondicherry	996	886	13	-	70	27	192	11	793	433	548
City:											
Ahmedabad	10,270	8,667	1397	56	73	77	1,572	897	7,801	6,209	2,263
Bangalore	1,914	801	321	5	53	734	154	39	1,721	1,415	161
Bombay	2,291	1,065	435	105	121	565	1,468	185	638	1,145	425
Calcutta	82	47	33	-	2	-	-	-	82	2	80
Delhi	3,718	..	..	..	..	..	..	..	..	..	..
Hyderabad	1,706	930	535	57	63	121	273	86	1,347	967	203
Kanpur	2	2	-	-	-	-	1	-	1	-	1
Madras	2,852	1,862	455	-	327	208	1,529	46	1,277	1,400	1,126

Source: National Crime Records Bureau,  
Ministry of Home Affairs

## CRIME STATISTICS

Table 206- PARTICULARS OF JUVENILES ARRESTED UNDER IPC COGNIZABLE  
CRIME AND OFFENCES UNDER LOCAL AND SPECIAL LAWS-contd.

Year/State	By Education- Contd.		By Family Background			Economic set up(monthly income)				Recidivism	
	Above Primary but below Matric/ Hr.Sec.	Matric Higher Sec. & above	living with parents	Living with guard- ians	Home- less	Lower income (upto Rs.150)	Lower Middle income (Rs. 150 to Rs.500)	Upper Middle income (Rs. 500 to Rs.1000)	Upper income above 1,000) (Rs.)	New Delin- quent	Old Delin- quent
1	13	14	15	16	17	18	19	20	21	22	23
1968	..	..	..	..	..	..	..	..	..	..	..
1971	10,567	1,973	67,997	15,514	14,174	77,305	16,673	1,809	312	85,483	12,202
1976	17,183	13,461	94,693	24,538	13,517	100,365	24,087	4,674	1,064	118,459	14,289
1977	23,350	13,335	98,582	32,591	14,754	103,523a	33,673a	5,217a	960a	120,157	25,770
1978	22,024	6,780	106,390	27,459	23,171	114,940	31,221	6,754	1,528	141,523	15,497
1979	23,914	6,591	93,808	24,300	48,566	117,298	34,369	9,994	2,255	148,160	18,514
1980	24,359	9,109	115,215	29,768	36,518	127,644	38,323	8,162	4,278	141,904	39,597
1981	27,488	12,992	126,797	37,780	25,929	114,311	53,632	18,115	4,448	160,489	30,017
1982	25,933	12,434	120,967	29,277	15,093	97,373	47,756	17,091	3,117	142,822	22,515
1983	28,624	13,065	125,496	28,521	13,879	105,669	45,128	13,924	3,175	147,172	20,724
1983-State/UT/City:											
Andhra Pradesh	282	269	2,568	480	763	2,864	895	52	-	2,982	829
Assam	1,946	2,398	5,568	2,259	772	4,993	2,311	828	467	6,358	2,241
Bihar	719	465	2,462	1,278	371	2,087	1,201	605	218	3,882	229
Gujarat	4,698	1,387	26,898	3,912	2,405	21,796	8,900	2,037	482	29,890	3,228
Haryana	515	64	3,154	149	-	904	1,862	537	-	2,817	486
Himachal Pradesh	402	125	895	99	16	361	443	181	25	978	32
Jammu & Kashmir	94	46	1,695	20	12	1,515	97	19	96	1,727	-
Karnataka	691	226	4,442	1,015	344	4,278	1,096	398	29	5,363	438
Kerala	77	44	193	81	16	114	128	48	-	290	-
Madhya Pradesh	2,753	2,154	13,595	2,319	760	12,920	2,140	1,439	175	15,437	1,237
Maharashtra	8,871	2,647	34,604	7,984	3,835	27,654	14,752	3,607	410	38,987	7,436
Manipur	202	284	601	61	-	239	256	153	14	662	-
Meghalaya	27	13	28	112	10	123	26	1	-	141	9
Nagaland	-	-	-	-	-	-	-	-	-	-	-
Orissa	158	47	284	324	234	296	442	81	23	679	163
Punjab	268	454	1,850	43	8	827	688	233	153	1,705	196
Rajasthan	1,358	1,799	4,791	673	767	2,964	791	1,901	575	5,602	629
Sikkim	6	-	17	5	3	18	7	-	-	21	4
Tamil Nadu	2,536	260	17,145	4,676	2,763	17,869	6,044	560	111	23,001	1,583
Tripura	1,363	140	975	1,173	247	953	830	455	157	1,238	1,157
Uttar Pradesh	54	17	91	116	38	134	63	44	4	159	86
West Bengal	952	87	1,800	1,180	422	1,376	1,199	606	221	2,790	612
A. & N. Islands	15	4	125	31	-	28	120	8	-	147	9
Arunachal Pradesh	10	-	56	9	-	21	32	12	-	64	1
Chandigarh	25	-	207	39	11	41	183	33	-	244	13
D. & N. Haveli	2	-	12	-	-	-	-	-	12	12	-
Delhi	..	..	..	..	..	..	..	..	..	..	..
Goa, Daman & Diu	165	85	371	49	44	214	233	14	3	452	12
Lakshadweep	11	1	12	-	-	-	12	-	-	12	-
Mizoram	409	49	370	157	6	180	299	54	-	533	-
Pondicherry	15	-	687	277	32	900	78	18	-	899	97
Ahmedabad	1,457	341	9,268	665	337	9,211	1,054	3	2	9,376	894
Bangalore	188	150	1,620	166	128	1,698	155	58	3	1,847	67
Bombay	199	522	1,623	295	373	1,787	385	119	-	1,997	294
Calcutta	-	-	55	17	10	64	18	-	-	79	3
Delhi	..	..	..	..	..	..	..	..	..	..	..
Hyderabad	487	49	607	819	280	1,018	613	69	6	1,385	321
Kanpur	1	-	1	-	1	2	-	-	-	2	-
Madras	262	64	1,964	437	451	1,974	658	209	11	2,725	127

(a) Excludes figures for Haryana State.

Note: Figures of Col 18 to 21 will not tally with total in Col.2 as figures of Haryana is not available for the year 1978.

## CRIME STATISTICS

Table 207- DISPOSAL OF JUVENILES

Year/State	Sent to court	Restored to Guardians	On Probation	Sent to Reformatories & Borstals	Sent to Schools/ Institutions	Sent to Adult Institutions	Imprisoned or otherwise disposed of	Acquitted or otherwise disposed of	Pending disposal
1	2	3	4	5	6	7	8	9	10
1968	65,452	7,135	2,491	925	750	8,372		32,579	13,200
1971	83,458	4,816	1,796	919	1,860	1,212	16,665	30,787	25,493
1976	120,910	14,762	2,742	1,197	2,965	1,252	30,548	33,371	33,733
1977	128,678	10,688	3,192	1,151	1,568	907	22,564	34,956	53,652
1978	135,303	9,321	4,431	2,595	1,591	1,327	20,912	34,671	60,455
1979	143,802	7,979	3,518	719	1,366	1,119	26,604	34,054	68,443
1980	125,093	6,108	6,256	812	550	887	16,388	33,996	60,096
1981	137,874	7,947	5,598	835	1,927	1,068	15,750	25,957	78,792
1982	153,617	8,604	4,350	2,960	1,481	1,263	34,275	28,405	72,279
1983	150,178	12,891	2,635	480	1,670	1,795	21,135	40,496	69,076
1983									
States:									
Andhra Pradesh	3,811	668	230	191	153	36	1,098	506	929
Assam	5,194	-	81	-	-	-	400	2,772	1,941
Bihar	2,168	51	43	22	10	341	42	873	786
Gujarat	30,941	41	35	66	182	8	4,897	13,064	12,648
Haryana	3,303	-	5	-	2	-	724	183	2,389
Himachal Pradesh	930	-	17	-	-	-	20	135	758
Jammu & Kashmir	1,727	159	-	-	-	-	-	1,229	339
Karnataka	1,914	176	15	-	6	3	30	1,077	607
Kerala	290	1	-	3	10	-	6	120	150
Madhya Pradesh	16,053	2,096	330	2	44	-	920	1,603	11,058
Maharashtra	40,854	1,618	303	43	211	1,095	7,452	6,595	23,537
Manipur	662	224	-	-	-	-	46	107	285
Meghalaya	150	1	12	-	-	-	29	61	47
Nagaland	-	-	-	-	-	-	-	-	-
Orissa	842	66	120	4	-	-	198	97	357
Punjab	1,804	-	463	1	683	-	336	87	234
Rajasthan	6,231	112	39	25	3	-	68	264	5,720
Sikkim	25	-	-	-	-	-	4	5	16
Tamil Nadu	21,619	7,548	763	75	341	109	2,544	7,850	2,389
Tripura	2,395	-	-	-	-	-	-	1,608	787
Uttar Pradesh	64	28	3	8	13	2	-	-	10
West Bengal	3,083	74	75	21	-	201	832	1,362	518
Union Territory:									
A. & N. Islands	156	-	-	-	-	-	15	56	85
Arunachal Pradesh	31	3	-	-	-	-	19	-	9
Chandigarh	206	-	16	-	-	-	11	140	39
D. & N. Haveli	12	-	-	-	-	-	6	3	3
Delhi	3,718	6	83	2	-	-	280	470	2,877
Goa, Daman & Diu	464	6	2	2	12	-	40	37	365
Lakshadweep	2	-	-	-	-	-	-	-	2
Mizoram	533	-	-	-	-	-	379	60	94
Pondicherry	996	13	-	15	-	-	739	132	97
City:									
Ahmedabad	9,225	23	5	-	191	-	1,784	471	6,751
Bangalore	1,914	176	15	-	6	3	30	1,077	607
Bombay	1,944	605	1	6	526	3	81	29	693
Calcutta	82	2	3	21	-	-	-	49	7
Delhi	3,718	6	83	2	-	-	280	470	2,877
Hyderabad	1,699	259	-	-	29	6	1,308	3	94
Kanpur	2	-	-	-	-	-	-	-	2
Madras	2,852	236	35	21	23	3	1,537	824	173

Source: National Crime Records Bureau,  
Ministry of Home Affairs

## CRIME STATISTICS

Table 208- NUMBER OF PERSONS ARRESTED ACCORDING TO SEX

Year/State	Total Cognizable Crime (1)		Murder		Culpable Homocide not amounting to murder		Rape	
	Male	Female	Male	Female	Male	Female	Male	Female
1	2	3	4	5	6	7	8	9
1968	1,042,307		33,212		-	-	-	-
1971	958,950	16,303	33,048	769	3,236	59	2,719	7
1976	1,392,289	24,787	38,788	973	5,130	70	5,015	29
1977	1,509,915	28,600	41,236	909	5,080	107	5,119	4
1978	1,795,462	30,478	45,196	762	5,183	41	5,744	12
1979	1,790,620	31,957	45,735	817	5,702	41	5,287	41
1980	1,902,041	47,258	51,658	1,459	5,863	65	6,781	33
1981	1,968,962	44,126	54,994	1,066	6,269	68	7,360	47
1982	1,963,604	43,926	55,191	1,230	6,997	89	7,381	61
1983	2,025,291	52,059	58,618	1,184	7,184	114	8,317	86
1983-State:								
Andhra Pradesh	115,048	7,754	3,632	69	55	-	499	-
Assam	57,340	2,310	3,244	10	13	-	241	1
Bihar	225,443	1,481	6,697	93	677	25	959	-
Gujarat	109,460	4,784	2,409	111	17	-	124	-
Haryana	26,730	260	893	43	340	3	124	-
Himachal Pradesh	6,404	316	98	11	38	5	57	-
Jammu & Kashmir	23,842	742	276	3	16	1	156	-
Karnataka	114,462	2,979	1,698	64	23	-	135	-
Kerala	75,606	2,283	985	33	28	1	136	-
Madhya Pradesh	236,001	1,675	6,298	56	66	-	1,838	-
Maharashtra	210,052	8,112	4,372	287	44	1	839	21
Manipur	2,808	156	76	2	1	-	1	-
Meghalaya	1,739	50	53	3	1	-	14	-
Nagaland	1,999	-	59	-	15	-	11	-
Orissa	76,742	294	1,646	18	49	-	222	-
Punjab	24,692	198	1,181	32	283	14	128	4
Rajasthan	115,043	4,727	2,209	76	66	4	500	1
Sikkim	277	6	3	1	-	-	2	-
Tamil Nadu	162,095	8,306	2,813	98	28	-	250	2
Tripura	8,164	185	311	11	25	-	40	-
Uttar Pradesh	253,803	2,972	16,265	47	3,720	28	1,278	54
West Bengal	135,977	1,174	2,874	82	1,161	20	583	2
Union Territory:								
A. & N. Islands	761	36	10	2	1	-	8	-
Arunachal Pradesh	1,156	31	54	3	5	-	8	-
Chandigarh	3,665	108	48	4	16	-	9	-
D. & N. Haveli	193	35	6	-	-	-	-	-
Delhi	28,158	400	305	18	460	10	91	1
Goa, Daman & Diu	3,433	379	65	7	17	2	12	-
Lakshadweep	15	-	-	-	-	-	1	-
Mizoram	1,720	192	18	-	19	-	42	-
Pondicherry	2,463	114	20	-	-	-	9	-
City:								
Ahmedabad	13,020	572	123	19	-	-	11	-
Bangalore	8,113	78	79	1	4	-	26	-
Bombay	22,620	1,429	471	19	2	-	129	6
Calcutta	22,568	114	151	5	14	-	23	-
Delhi	26,520	395	251	14	401	10	84	1
Hyderabad	3,824	205	67	3	-	-	32	-
Kanpur	2,403	39	224	5	50	3	33	-
Madras	11,545	666	58	1	14	-	28	-

Source: National Crime Records Bureau,  
Ministry of Home Affairs

(1) Including persons arrested under cattle-thefts and miscellaneous crimes.

Note: Sex-wise data for the year 1968 are not available.



## CRIME STATISTICS

Table 208- NUMBER OF PERSONS ARRESTED ACCORDING TO SEX-contd.

Year/State	Kidnapping and Abduction		Dacoity		Robbery		Burglary	
	Male	Female	Male	Female	Male	Female	Male	Female
1	10	11	12	13	14	15	16	17
1968	12,644		30,098		12,118		91,173	
1971	10,646	429	32,861	103	14,273	83	78,087	972
1976	13,343	570	46,857	109	21,056	135	110,227	1,750
1977	13,999	612	45,301	130	23,124	141	110,955	1,309
1978	15,833	536	51,924	115	24,354	189	109,253	1,842
1979	15,312	493	51,870	187	24,661	164	96,936	1,614
1980	16,232	520	57,006	214	27,806	182	105,771	1,799
1981	16,936	532	53,729	324	27,990	179	103,624	2,005
1982	16,634	755	47,425	226	26,657	186	100,389	1,867
1983	16,943	555	45,467	305	26,769	295	98,147	1,691
1983-State:								
Andhra Pradesh	728	22	1,237	4	851	6	4,513	65
Assam	643	7	1,293	1	825	3	4,846	24
Bihar	2,520	104	9,086	112	2,994	-	7,917	29
Gujarat	716	55	661	8	1,105	15	5,524	203
Haryana	252	13	157	-	162	-	1,672	-
Himachal Pradesh	73	14	6	-	35	-	282	12
Jammu & Kashmir	402	8	67	-	65	-	994	24
Karnataka	316	10	795	11	501	4	3,836	43
Kerala	95	2	145	-	197	-	1,468	10
Madhya Pradesh	1,545	31	2,057	7	3,219	75	11,761	457
Maharashtra	962	24	3,255	69	4,000	57	13,955	454
Manipur	191	27	50	-	91	-	150	-
Meghalaya	3	-	72	-	36	-	186	-
Nagaland	13	-	13	-	81	-	255	-
Orissa	219	-	1,587	4	1,032	5	6,054	29
Punjab	275	17	17	-	75	2	1,017	11
Rajasthan	1,355	50	555	6	1,360	18	3,754	176
Sikkim	-	-	5	-	5	-	13	-
Tamil Nadu	770	22	211	-	494	3	7,169	93
Tripura	115	-	857	-	328	-	1,054	-
Uttar Pradesh	4,434	63	18,123	70	6,707	105	16,632	5
West Bengal	983	74	4,967	9	2,278	-	3,301	7
Union Territory:								
A. & N. Islands	4	-	-	-	13	-	20	-
Arunachal Pradesh	14	-	17	-	23	-	94	-
Chandigarh	22	1	-	-	27	-	113	2
D. & N. Haveli	2	-	6	4	5	-	39	5
Delhi	228	10	196	-	151	-	1,106	10
Goa, Daman & Diu	40	1	10	-	60	2	263	32
Lakshadweep	-	-	-	-	-	-	-	-
Mizoram	11	-	2	-	36	-	64	-
Pondicherry	12	-	20	-	13	-	95	-
City:								
Ahmedabad	133	14	89	4	49	-	555	3
Bangalore	9	-	34	-	187	4	438	9
Bombay	199	8	189	1	607	3	1,308	7
Calcutta	129	3	146	-	512	-	952	-
Delhi	202	10	173	-	139	-	1,059	10
Hyderabad	43	1	70	-	85	1	259	2
Kanpur	93	-	84	-	164	-	314	-
Madras	14	3	-	-	89	-	305	13

Note: Sex-wise data for the year 1968 are not available.

## CRIME STATISTICS

Table 208- NUMBER OF PERSONS ARRESTED ACCORDING TO SEX-concl'd.

Year/State	Theft		Riots		Criminal Breach of Trust		Cheating		Counterfeiting	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	18	19	20	21	22	23	24	25	26	27
1968	179,810		267,699		14,820		10,933		604	
1971	161,680	4,198	270,530	2,580	11,720	65	7,364	85	406	1
1976	240,559	5,767	339,933	4,482	19,522	103	17,388	224	604	6
1977	238,707	5,835	390,157	7,733	15,791	141	14,847	179	379	8
1978	237,338	5,141	525,534	8,469	17,302	93	14,779	176	295	2
1979	226,904	5,255	541,398	10,469	20,790	90	13,734	136	270	2
1980	245,009	6,358	568,331	10,859	15,898	159	15,542	216	481	25
1981	246,495	6,243	560,543	12,643	16,845	101	14,818	170	542	3
1982	229,237	5,550	556,180	14,198	16,583	103	14,959	179	747	3
1983	234,735	5,338	551,652	12,023	15,854	291	16,696	287	731	4
1983-State:										
Andhra Pradesh	12,826	232	26,172	702	480	2	882	4	51	-
Assam	7,173	86	17,317	482	302	-	312	-	-	-
Bihar	38,598	321	91,106	555	1,545	-	1,619	-	25	-
Gujarat	11,445	550	12,811	454	1,348	14	1,082	48	19	-
Haryana	2,826	18	1,620	53	239	-	430	1	12	-
Himachal Pradesh	528	15	729	116	106	1	99	-	1	-
Jammu & Kashmir	1,940	18	7,094	335	116	-	133	2	1	-
Karnataka	8,595	213	39,783	1,344	537	8	631	19	105	1
Kerala	2,433	38	29,851	753	304	7	652	17	152	-
Madhya Pradesh	22,246	180	39,990	316	1,397	19	1,609	22	7	-
Maharashtra	30,066	1,606	50,340	1,830	2,702	19	2,003	48	119	-
Manipur	322	2	691	118	48	-	65	2	16	-
Meghalaya	379	10	210	7	9	-	29	-	-	-
Nagaland	380	-	199	-	34	-	47	-	-	-
Orissa	12,433	183	20,551	40	339	-	281	-	11	2
Punjab	1,619	26	252	-	362	2	523	9	5	1
Rajasthan	6,777	446	45,410	1,917	457	5	1086	11	2	-
Sikkim	57	-	87	2	10	-	3	-	-	-
Tamil Nadu	20,279	791	50,636	2,199	966	13	1057	22	95	-
Tripura	2,207	27	1,620	94	54	1	33	-	-	-
Uttar Pradesh	23,801	272	53,103	210	2,630	182	2,469	55	38	-
West Bengal	24,645	228	58,443	341	1,443	8	1,078	13	54	-
Union Territory:										
A. & N. Islands	68	-	251	13	12	-	33	-	-	-
Arunachal Pradesh	234	2	146	-	14	-	11	-	1	-
Chandigarh	316	-	58	-	32	2	114	-	-	-
D. & N. Haveli	10	3	20	-	3	-	2	-	-	-
Delhi	1,474	38	1,176	11	184	2	312	1	5	-
Goa, Daman & Diu	488	25	1,172	125	61	2	34	7	-	-
Lakshadweep	11	-	-	-	-	-	-	-	-	-
Mizoram	268	-	-	-	78	3	46	2	12	-
Pondicherry	291	8	814	6	42	1	21	4	-	-
City:										
Ahmedabad	1,275	61	1,535	122	84	3	116	5	-	-
Bangalore	1,609	32	1,577	19	60	4	119	9	74	-
Bombay	5,477	189	1,627	40	500	1	537	7	12	-
Calcutta	7,207	53	3,114	-	296	6	281	-	32	-
Delhi	1,327	38	866	11	174	2	294	1	5	-
Hyderabad	790	10	876	13	24	-	114	1	-	-
Kanpur	515	-	720	-	112	-	113	-	12	-
Madras	3,484	221	724	26	193	3	302	-	2	-

Note: Sex-wise data for the year 1968 are not available.

## CRIME STATISTICS

Table 209-MOTIVE OF MURDER AND CULPABLE HOMICIDE NOT AMOUNTING TO MURDER-(CASES)

Year/State	Gain		Dispute over Property		Personal Vendetta Enmity		Sexual Cause	
	Murder	Culpable homicide not amounting to murder	Murder	Culpable homicide not amounting to murder	Murder	Culpable homicide not amounting to murder	Murder	Culpable homicide not amounting to murder
1	2	3	4	5	6	7	8	9
1971	1,822	185	2,281	425	2,907	320	1,498	47
1975	1,349	135	2,657	397	3,451	442	1,313	72
1976	1,357	172	2,528	403	3,083	505	1,389	66
1977	1,447	211	2,527	398	3,949	558	1,380	52
1978	1,527	626	4,063	396	2,166	186	2,723	92
1979	1,441	201	2,820	451	4,410	599	1,613	64
1980	1,602	192	3,082	468	4,916	613	1,646	61
1981	2,101	261	3,291	534	4,824	1,163	1,528	76
1982	1,653	278	3,480	609	4,800	657	1,595	92
1983	2,062	316	3,245	560	4,865	667	1,742	144
1983-State:								
Andhra Pradesh	89	13	112	-	151	-	198	1
Assam	85	-	126	3	131	3	33	-
Bihar	308	49	814	127	689	115	137	31
Gujarat	17	-	87	-	88	-	134	-
Haryana	3	2	66	23	41	8	30	4
Himachal Pradesh	5	-	15	4	5	1	9	-
Jammu & Kashmir	13	1	18	1	11	-	1	-
Karnataka	61	-	119	-	98	-	144	2
Kerala	29	-	30	-	145	-	7	-
Madhya Pradesh	129	-	315	-	446	1	180	1
Maharashtra	97	2	149	1	217	-	248	3
Manipur	8	-	2	-	25	-	-	-
Meghalaya	3	-	2	-	-	-	2	-
Nagaland	-	-	-	-	25	-	-	-
Orissa	33	-	39	2	102	5	43	-
Punjab	6	2	70	20	31	3	49	12
Rajasthan	45	1	122	1	273	3	36	-
Sikkim	-	-	3	-	-	-	-	-
Tamil Nadu	61	-	172	6	276	5	159	1
Tripura	30	-	20	-	18	-	4	-
Uttar Pradesh	732	199	729	211	1,790	359	275	56
West Bengal	275	37	216	131	247	95	29	29
Union Territory:								
A. & N. Islands	-	-	1	-	1	-	1	-
Arunachal Pradesh	1	1	5	-	1	-	4	-
Chandigarh	3	-	-	-	4	1	6	-
D. & N. Haveli	-	-	3	-	2	-	-	-
Delhi	19	7	8	29	64	68	11	4
Goa, Daman & Diu	-	-	2	1	4	-	2	-
Lakshadweep	-	-	-	-	-	-	-	-
Mizoram	8	2	-	-	-	-	-	-
Pondicherry	2	-	-	-	-	-	-	-
City:								
Ahmedabad	1	-	2	-	6	-	-	-
Bangalore	2	-	4	-	7	-	3	-
Bombay	14	-	5	-	61	-	5	-
Calcutta	9	-	7	-	37	2	-	-
Delhi	16	7	7	23	54	50	11	4
Hyderabad	2	-	2	-	4	-	7	-
Kanpur	7	37	6	17	61	58	5	-
Madras	4	-	1	6	2	5	-	-

Source: National Crime Records Bureau,  
Ministry of Home Affairs

## CRIME STATISTICS

Table 209-MOTIVE OF MURDER AND CULPABLE HOMICIDE NOT AMOUNTING TO MURDER-(CASES)-contd.

Year/State	Sudden Provocation		Lunacy		Other Causes		Total	
	Murder	Culpable homicide not amounting to murder	Murder	Culpable homicide not amounting to murder	Murder	Culpable homicide not amounting to murder	Murder	Culpable homicide not amounting to murder
1	10	11	12	13	14	15	16	17
1971	1,151	448	132	13	6,339	919	16,180	2,357
1975	1,473	333	88	13	7,232	1,110	17,563	2,502
1976	1,423	296	120	9	6,773	1,133	16,673	2,584
1977	1,439	308	120	19	7,514	1,069	18,376	2,615
1978	1,583	611	97	41	7,155	776	19,314	2,728
1979	1,483	489	118	10	8,464	1,194	20,349	3,008
1980	1,720	459	86	8	9,097	1,231	22,149	3,032
1981	1,632	383	109	10	9,242	845	22,727	3,272
1982	1,805	462	75	8	9,931	1,321	23,339	3,427
1983	2,266	539	292	66	10,640	1,501	25,112	3,793
1982-State:								
Andhra Pradesh	39	5	7	-	805	13	1,401	32
Assam	158	5	6	-	1,372	13	1,911	24
Bihar	241	114	7	4	931	188	3,107	628
Gujarat	161	1	5	-	466	4	958	5
Haryana	45	15	1	1	180	50	366	103
Himachal Pradesh	8	3	-	-	22	9	64	17
Jammu & Kashmir	10	1	-	-	50	5	103	8
Karnataka	96	-	4	1	425	12	947	15
Kerala	40	5	5	-	258	19	514	24
Madhya Pradesh	327	-	9	-	1,187	43	2,593	45
Maharashtra	285	2	96	2	881	16	1,973	26
Manipur	8	-	-	1	28	3	71	4
Meghalaya	3	-	-	-	51	3	61	3
Nagaland	-	2	-	-	2	-	27	2
Orissa	169	26	6	-	174	19	566	52
Punjab	121	63	2	-	312	69	591	169
Rajasthan	77	5	3	-	423	25	979	35
Sikkim	2	-	-	-	2	-	7	-
Tamil Nadu	81	7	-	-	561	12	1,310	31
Tripura	3	1	2	-	34	-	111	1
Uttar Pradesh	233	89	138	56	1,855	732	5,752	1702
West Bengal	93	137	-	-	467	187	1,327	616
Union Territory:								
A. & N. Islands	1	-	-	-	8	1	12	1
Arunachal Pradesh	4	-	-	-	19	4	34	5
Chandigarh	3	3	-	-	3	3	19	7
D. & N. Haveli	2	-	-	-	-	-	7	-
Delhi	41	51	-	-	102	67	245	226
Goa, Daman & Diu	3	2	1	1	8	1	20	5
Lakshadweep	-	-	-	-	-	-	-	-
Mizoram	3	2	-	-	11	3	22	7
Pondicherry	9	-	-	-	3	-	14	-
Cities:								
Ahmedabad	11	-	-	-	40	-	60	-
Bangalore	5	-	-	-	35	2	56	2
Bombay	61	2	61	-	54	-	261	2
Calcutta	-	-	-	-	42	9	95	11
Delhi	33	47	-	-	93	59	214	190
Hyderabad	8	-	1	-	75	-	99	-
Kanpur	-	13	-	-	40	40	119	165
Madras	4	3	-	-	22	-	33	14

## CRIME STATISTICS

Table 210-POLICE STRENGTH

Year/State	Armed Police					Civil Police (1)					
	Inspector Genls, Dy. Inspector Genls & Suptdts.	Assi-stant Supdts. & Dy. Suptdts.	Inspect-ors & Sub-Ins-pectors	Others	Total	Inspector Genls & Suptdts.	Assi-stant Supdts. & Dy. Suptdts.	Inspec-tors & Sub-Inspec-tors	Others	Total	
	1	2	3	4	5	6	7	8	9	10	11
1969:	160	463	5,071	142,649	148,343	960	1,931	33,240	345,076	481,216	
1971	169	522	5,288	166,680	172,659	1,003	2,339	36,256	494,639	534,236	
1976	205	625	5,559	162,948	169,337	1,220	2,961	42,997	543,150	590,337	
1977	195	549	5,237	166,570	172,551	1,255	3,102	45,177	545,511	594,845	
1978	273	566	6,156	169,361	176,356	1,339	3,289	48,747	576,100	629,465	
1979	241	730	5,913	158,913	165,797	1,409	3,385	50,794	603,850	659,438	
1980	249	814	7,025	193,092	201,180	1,677	3,527	54,384	608,100	667,688	
1981	277	789	7,435	197,197	205,698	1,627	3,819	58,754	627,932	692,132	
1982	243#	799	7,943	198,987	207,972	1,630	3,933	57,721	661,654	724,938	
1983	267	889	8,501	224,652	234,309	1,887	4,145	60,180	643,531	709,743	
1983-State:											
Andhra Pradesh	10	28	301	7,615	7,954	94	182	2,745	39,969	42,990	
Assam	24	102	504	9,698	10,328	51	132	2,430	16,976	19,589	
Bihar	17	55	806	12,249	13,127	108	337	5,995	46,833	53,273	
Gujarat	11	33	367	11,661	12,072	71	121	2,731	42,926	45,849	
Haryana	7	17	162	4,295	4,481	43	84	661	14,601	15,389	
Himachal Pradesh	4	8	66	2,371	2,449	51	55	311	5,547	5,964	
Jammu & Kashmir	16	56	219	6,647	6,938	56	110	1,037	15,629	16,832	
Karnataka	6	11	121	3,671	3,809	83	145	2,162	36,235	38,625	
Kerala	8	10	114	2,483	2,615	60	129	1,774	18,234	20,197	
Madhya Pradesh	31	122	988	22,143	23,284	144	444	4,451	51,051	56,090	
Maharashtra	11	40	331	10,959	11,341	140	333	5,749	87,305	93,527	
Manipur	15	27	142	4,453	4,637	24	31	224	3,001	3,280	
Meghalaya	2	11	62	1,652	1,727	14	16	332	3,392	3,754	
Nagaland	7	56	197	6,026	6,286	17	27	325	5,906	6,275	
Orissa	15	74	238	6,017	6,344	100	184	2,383	20,656	23,323	
Punjab	9	35	202	5,709	5,955	38	73	581	22,165	22,857	
Rajasthan	5	47	234	6,645	6,931	136	319	2,261	36,802	39,518	
Sikkim	1	3	9	472	485	13	15	117	1,227	1,372	
Tamil Nadu	12	26	260	5,495	5,793	103	217	4,745	38,967	44,032	
Tripura	3	12	72	1,721	1,808	18	32	956	3,736	4,742	
Uttar Pradesh	-	-	1,748	53,059	54,807	355	845	10,145	71,107	82,452	
West Bengal	38	80	858	26,465	27,441	100	169	5,034	36,225	41,528	
Union Territory:											
A. & N. Islands	-	1	4	189	194	2	11	113	1,632	1,758	
Arunachal Pradesh	-	1	16	1,131	1,148	6	13	130	806	955	
Chandigarh	-	1	24	951	976	2	4	80	1,187	1,273	
D. & N. Haveli	-	-	1	75	76	-	1	4	74	79	
Delhi	10	27	378	8,759	9,174	31	92	2,347	17,084	19,554	
Goa, Daman & Diu	1	1	23	588	613	3	9	77	1,748	1,837	
Lakshadweep	-	-	-	-	-	1	1	16	258	276	
Mizoram	3	5	38	926	972	11	14	184	1,343	1,552	
Pondicherry	1	-	16	527	544	12	-	80	909	1,001	
City:											
Ahmedabad	1	1	29	1,964	1,995	9	14	403	4,961	5,387	
Bangalore	-	-	-	-	-	8	17	389	5,290	5,704	
Bombay	-	-	-	-	-	20	67	2,220	16,880	19,187	
Calcutta	8	29	264	6,969	7,270	18	37	1,650	11,060	12,765	
Delhi	10	27	378	8,759	9,174	31	92	2,347	17,084	19,554	
Hyderabad	1	2	41	1,786	1,830	13	31	423	4,287	4,754	
Kanpur	-	-	14	1,029	1,043	2	8	423	3,518	3,951	
Madras	-	-	-	-	-	12	34	759	6,413	7,218	

Source: National Crime Records Bureau,  
Ministry of Home Affairs

(1) Includes District Armed Reserve Police.

# Includes number of Director General of Police.

## CRIME STATISTICS

Table 211-NUMBER OF COGNIZABLE CRIME AND STRENGTH OF POLICE FORCE

Year/State	Total Cognisable Crime I.P.C. reported during the year	Actual Strength of Police Force			Number of Policemen per 100 square kilometres of Area	Number of Police-men per 10,000 of Population	Number of cases per Civil Police-man
		Civil	Armed	Total			
1	2	3	4	5	6	7	8
1968	862,016	..	..	617,173	20	12	..
1971	952,581	534,236	172,659	706,895	22	13	2
1976	1,093,897	590,337	169,337	759,674	23	12	2
1977	1,267,004	594,845	172,551	767,396	23	12	2
1978	1,344,968	629,465	176,356	805,821	25	13	2
1979	1,336,168	659,438	165,797	825,235	25	13	2
1980	1,316,588	667,688	201,180	868,868	26	13	2
1981	1,385,757	692,132	205,698	897,830	27	13	2
1982	1,353,904	724,938	207,972	932,910	28	13	2
1983	1,349,866	709,743	234,309	944,052	29	13	2
1983							
State:							
Andhra Pradesh	84,773	42,990	7,954	50,944	19	9	2
Assam	48,979	19,589	10,328	29,917	38	14	3
Bihar	108,662	53,273	13,127	66,400	38	9	2
Gujarat	79,559	45,849	12,072	57,921	30	16	2
Haryana	16,774	15,389	4,481	19,870	45	14	1
Himachal Pradesh	4,430	5,964	2,449	8,413	15	19	1
Jammu & Kashmir	17,139	16,832	6,938	23,770	11	38	1
Karnataka	77,304	38,625	3,809	42,434	22	11	2
Kerala	47,309	20,197	2,615	22,812	59	9	2
Madhya Pradesh	166,355	56,090	23,284	79,374	18	15	3
Maharashtra	157,249	93,527	11,341	104,868	34	16	2
Manipur	3,069	3,280	4,637	7,917	36	53	1
Meghalaya	1,646	3,754	1,727	5,481	24	38	-
Nagaland	1,940	6,275	6,286	12,561	76	147	-
Orissa	44,662	23,323	6,344	29,667	19	11	2
Punjab	13,960	22,857	5,955	28,812	57	16	1
Rajasthan	71,367	39,518	6,931	46,449	14	13	2
Sikkim	257	1,372	485	1,857	26	54	-
Tamil Nadu	114,416	44,032	5,793	49,825	38	10	3
Tripura	5,900	4,742	1,808	6,550	63	30	1
Uttar Pradesh	164,926	82,452	54,807	137,259	47	12	2
West Bengal	81,239	41,528	27,441	68,969	78	12	2
Union Territory:							
A. & N. Islands	755	1,758	194	1,952	24	93	-
Arunachal Pradesh	1,071	955	1,148	2,103	3	31	1
Chandigarh	1,612	1,273	976	2,249	1,973	44	1
D. & N. Haveli	205	79	76	155	32	14	3
Delhi	27,360	19,554	9,174	28,728	1,937	42	1
Goa, Daman & Diu	2,936	1,837	613	2,450	64	21	2
Lakshadweep	18	276	-	276	863	66	-
Mizoram	1,696	1,552	972	2,524	12	46	1
Pondicherry	2,298	1,001	544	1,545	314	24	2

Source: National Crime Records Bureau,  
Ministry of Home Affairs

## *ACCIDENT STATISTICS*

**T**his section presents tables relating to accidental deaths and suicides in India. The source for these data is the Bureau of Police Research and Development, Ministry of Home Affairs till 1983 publications and National Crime Records Bureau, Ministry of Home Affairs from 1984 publication onwards, which obtains information from Police Authorities in different States. All-India information relates to the available States only and is, therefore, subject to revision.

Table 212

This table shows the incidence of accidental deaths in different States, Union Territories and important cities. The causes of accidents have been classified into two broad categories viz. (i) accidents due to acts of God such as lightening, heat strokes, landslides, etc. and (ii) accidents due to other causes as mishaps in factories, air crashes, railway accidents etc.

Table 213

This table presents statistics of suicidal deaths classified according to sex and age-group and also by causes of suicides. Among the causes of suicides despair due to dreadful diseases, quarrel between married partners and with parents-in-law, and love-affairs are some of the major causes.

## ACCIDENT STATISTICS

Table 212-NUMBER OF ACCIDENTAL DEATHS

Year/State	By act of God						By other causes				
	Lightening	Heat strokes	Floods	Land slides	Cold & exposure	Cyclones	Total	Animal biting/killing	Fire arms	Explosives	House collapse
1	2	3	4	5	6	7	8	9	10	11	12
1971	1,278	289	650	676	470	497	3,860	4,668	901	417	1,552
1976	1,763	414	698	555	346	250	4,026	4,023	1,357	296	1,613
1978	2,177	664	1,208	619	267	410	5,345	3,816	1,707	340	1,476
1979	1,496	594	567	753	318	248	3,976	2,810	1,332	308	991
1980	1,466	516	677	545	402	134	3,740	2,834	1,708	491	1,308
1981	1,667	557	592	603	412	260	4,091	4,567	1,953	469	1,465
1982	1,754	492	699	596	391	505	4,437	4,736	1,874	356	1,157
1983	1,884	630	849	576	428	131	4,498	4,946	1,478	398	1,501
1984	1,406	503	774	506	361	691	4,241	4,767	1,796	438	1,220
1985	1,381	533	565	588	361	502	3,930	4,867	1,860	391	1,341
1985											
State:											
Andhra Pradesh	49	46	4	4	9	5	117	178	24	33	54
Assam	11	6	5	14	8	-	44	104	12	1	3
Bihar	142	58	45	31	76	26	378	193	23	15	53
Gujarat	31	11	28	68	15	9	162	150	2	18	57
Haryana	22	9	6	10	15	3	65	7	7	6	24
Himachal Pradesh	-	3	1	17	15	-	36	9	22	1	10
Jammu & Kashmir	11	-	10	14	19	4	58	4	5	1	17
Karnataka	31	16	6	12	17	3	85	227	8	9	42
Kerala	16	7	3	43	1	-	70	38	-	7	7
Madhya Pradesh	334	89	175	59	12	374	1,043	2025	336	50	234
Maharashtra	153	34	43	39	13	8	290	870	31	25	190
Manipur	1	13	1	4	2	-	21	-	3	-	2
Meghalaya	-	1	-	22	1	-	24	4	2	-	-
Nagaland	-	-	-	-	-	-	-	2	4	-	-
Orissa	126	24	7	9	10	19	195	481	4	9	17
Punjab	11	3	-	10	9	3	36	6	27	5	32
Rajasthan	73	16	-	59	22	11	181	37	14	16	46
Sikkim	-	-	-	4	-	-	4	-	-	-	1
Tamil Nadu	24	12	94	20	12	1	163	147	57	25	105
Tripura	5	16	5	2	-	1	29	-	2	-	2
Uttar Pradesh	266	110	127	106	95	31	735	135	1,222	78	387
West Bengal	72	54	1	14	6	4	151	226	49	73	43
Union Territory:											
A. & N. Islands	-	3	1	-	-	-	4	4	-	-	-
Arunachal Pradesh	-	-	-	5	-	-	5	3	-	-	-
Chandigarh	-	-	-	-	-	-	-	1	-	-	-
D. & N. Haveli	-	-	1	4	-	-	5	3	-	-	-
Delhi	3	2	-	9	4	-	18	3	6	18	8
Goa, Daman & Diu	-	-	-	2	-	-	2	-	-	-	3
Lakshadweep	-	-	-	-	-	-	-	-	-	-	-
Mizoram	-	-	2	7	-	-	9	-	-	1	-
Pondicherry	-	-	-	-	-	-	-	10	-	-	4
City:											
Ahmedabad	-	3	-	6	2	2	13	3	-	-	10
Bangalore	2	11	-	-	-	-	13	4	1	1	3
Bombay	6	1	1	-	1	-	9	32	11	7	96
Calcutta	1	-	-	-	-	-	1	-	2	1	7
Delhi	3	2	-	9	4	-	18	2	6	18	8
Hyderabad	6	2	-	-	-	-	8	1	-	2	3
Kanpur	10	2	-	5	8	-	25	2	13	2	29
Madras	4	5	7	-	-	-	16	2	-	-	9

Source: National Crime Records Bureau,  
Ministry of Home Affairs



## ACCIDENT STATISTICS

Table 212-NUMBER OF ACCIDENTAL DEATHS-contd.

Year/State	By other causes-contd.									Grand Total
	Road acci- dents	Factory mishaps	Railway acci- dents	Air crashes	Fire	Drown- ing	Poison- ing	Others	Total	
1	13	14	15	16	17	18	19	20	21	22
1971	11,740	529	9,652	205	9,810	23,255	8,145	30,867	101,741	105,601
1976	15,903	535	9,598	293	11,221	25,659	8,096	28,991	107,585	111,611
1978	17,660	491	11,117	133	11,187	25,623	6,438	33,261	113,249	118,584
1979	18,273	502	11,126	70	10,282	22,879	5,845	30,593	105,011	108,987
1980	17,481	698	11,735	42	12,081	26,355	5,973	32,466	113,172	116,912
1981	20,578	641	12,408	54	12,945	23,640	6,239	33,171	118,130	122,221
1982	22,199	735	12,789	102	14,555	22,632	6,864	33,575	121,556	125,993
1983	23,375	688	13,124	56	15,372	23,217	5,736	34,187	124,078	128,576
1984	29,375	666	12,735	52	15,741	22,729	6,735	34,133	130,387	134,628
1985	29,831	585	13,307	85	16,667	21,642	8,470	36,681	135,727	139,657
1985										
State:										
Andhra Pradesh	2,988	33	1,055	9	1,086	1,822	455	1,779	9,516	9,633
Assam	276	22	145	-	107	497	136	751	2,054	2,098
Bihar	936	24	665	-	610	1,051	81	978	4,629	5,007
Gujarat	419	67	787	2	2,098	841	318	1,964	6,723	6,885
Haryana	412	21	66	-	279	297	154	449	1,722	1,787
Himachal Pradesh	149	1	5	-	30	31	10	139	407	443
Jammu & Kashmir	409	-	11	-	9	46	7	330	839	897
Karnataka	2,036	34	424	43	739	2,104	831	2,204	8,701	8,786
Kerala	986	7	207	2	123	1,109	69	772	3,321	3,391
Madhya Pradesh	2,588	34	1,094	3	1,752	3,779	508	5,520	17,923	18,966
Maharashtra	2,350	73	3,491	-	4,785	4,266	1,099	10,810	27,990	28,280
Manipur	86	-	-	-	-	9	9	11	120	141
Meghalaya	61	1	-	-	4	42	5	27	146	170
Nagaland	19	-	1	-	-	-	-	4	30	30
Orissa	549	5	321	-	173	804	484	1,480	4,327	4,522
Punjab	592	16	620	1	174	183	73	461	2,190	2,226
Rajasthan	912	8	427	1	466	1,336	161	1,338	4,762	4,943
Sikkim	47	-	-	-	1	6	3	46	104	108
Tamil Nadu	5,841	55	1,203	-	1,231	1,194	2,077	2,192	14,127	14,290
Tripura	80	-	-	-	14	65	123	66	352	381
Uttar Pradesh	4,014	95	1,717	24	1,446	1,072	337	2,639	13,166	13,901
West Bengal	2,423	57	610	-	902	757	1,466	1,320	7,926	8,077
Union Territory:										
A. & N. Islands	12	1	-	-	12	33	3	35	100	104
Arunachal Pradesh	35	-	-	-	5	8	-	26	77	82
Chandigarh	32	5	1	-	41	5	6	27	118	118
D. & N. Haveli	1	-	-	-	3	5	-	6	18	23
Delhi	1,369	24	441	-	500	104	52	1,033	3,558	3,579
Goa, Daman & Diu	119	1	16	-	80	131	2	155	487	489
Lakshadweep	1	-	-	-	-	3	-	2	6	6
Mizoram	37	-	-	-	1	2	-	6	47	56
Pondicherry	52	1	-	-	16	46	1	111	241	241
City:										
Ahmedabad	34	34	-	-	415	54	5	332	887	900
Bangalore	212	3	-	-	241	238	165	422	1,290	1,303
Bombay	1,142	19	24	-	1,314	255	106	3,520	6,526	6,535
Calcutta	420	6	-	-	85	121	16	44	702	703
Delhi	1,181	21	441	-	468	86	44	959	3,234	3,252
Hyderabad	243	-	2	-	194	93	40	213	791	799
Kanpur	194	1	35	-	171	38	25	369	879	904
Madras	391	2	-	-	261	162	116	418	1,361	1,377

## ACCIDENT STATISTICS

Table 213-NUMBER OF SUICIDES

Year/State	By sex		By age group			By cause of suicide	
	Male	Female	Persons upto 18 years	Persons between 18-30 years	Persons above 30 years	Failure in examination	Quarrel with parents-in-law
1	2	3	4	5	6	7	8
1971	26,326	17,349	8,408	19,553	15,714	924	4,451
1976	24,042	17,373	6,032	18,290	17,093	867	3,766
1978	24,137	16,070	6,371	16,760	17,076	614	3,756
1979	22,980	15,237	5,697	16,889	15,631	626	3,163
1980	24,188	17,475	6,645	18,173	16,845	703	3,166
1981	23,864	16,381	6,178	17,218	15,034	844	3,297
1982	26,520	18,212	6,104	19,917	18,711	771	3,803
1983	27,260	19,319	6,527	20,915	19,137	1,004	4,356
1984	29,296	21,275	7,191	22,433	20,947	1,173	4,613
1985	30,460	22,351	7,505	23,878	21,428	1,032	4,173
1985							
State:							
Andhra Pradesh	2,347	1,674	512	1,811	1,698	50	113
Assam	1,224	621	453	659	733	81	32
Bihar	438	350	172	316	300	23	40
Gujarat	935	964	151	1,056	692	24	83
Haryana	462	398	114	425	321	13	53
Himachal Pradesh	60	30	4	42	44	1	5
Jammu & Kashmir	19	13	3	21	8	2	2
Karnataka	2,791	1,985	556	2,205	2,015	70	213
Kerala	4,314	1,761	323	2,470	3,282	56	484
Madhya Pradesh	1,934	1,514	557	1,496	1,395	77	643
Maharashtra	2,559	2,199	738	2,174	1,846	65	344
Manipur	23	4	5	15	7	-	1
Meghalaya	29	7	1	8	27	-	-
Nagaland	15	2	1	11	5	1	-
Orissa	1,258	1,084	389	1,048	905	85	184
Punjab	238	112	9	146	195	5	36
Rajasthan	471	442	120	478	315	30	146
Sikkim	13	12	1	13	11	-	-
Tamil Nadu	4,591	3,207	1,078	3,456	3,264	81	557
Tripura	255	206	152	183	126	54	41
Uttar Pradesh	1,723	967	371	1,114	1,205	25	117
West Bengal	4,172	4,339	1,677	4,219	2,615	270	962
Union Territory:							
A. & N. Islands	47	18	6	36	23	-	1
Arunachal Pradesh	24	17	9	14	18	-	-
Chandigarh	22	4	2	10	14	-	-
D. & N. Haveli	8	5	-	4	9	-	1
Delhi	181	261	52	238	152	12	25
Goa, Daman & Diu	67	44	8	48	55	2	2
Lakshadweep	-	-	-	-	-	-	-
Mizoram	17	-	-	7	10	-	1
Pondicherry	223	111	41	155	138	5	87
City:							
Ahmedabad	82	89	15	82	74	3	5
Bangalore	258	203	55	221	185	1	1
Bombay	193	230	58	201	164	10	19
Calcutta	48	80	20	63	45	5	6
Delhi	169	241	49	216	145	10	14
Hyderabad	96	88	39	77	68	8	2
Kanpur	129	126	40	114	101	-	29
Madras	405	313	93	333	292	13	4

Source: National Crime Records Bureau,  
Ministry of Home Affairs

## ACCIDENT STATISTICS

Table 213-NUMBER OF SUICIDES-contd.

Year/State	By Cause of Suicide-contd.							Total
	Quarrel with spouse	Poverty	Love affairs	Insanity	Dispute over property	Dread- ful disease	Other causes	
1	9	10	11	12	13	14	15	16
1971	3,244	1,778	2,092	1,316	813	7,985	21,072	43,675
1975	2,525	1,565	2,628	1,105	881	7,054	22,039	42,890
1976	2,588	1,528	2,229	1,123	1,560	8,089	19,665	41,415
1978	2,299	1,123	2,316	1,122	850	6,678	21,449	40,207
1980	2,073	1,203	2,253	1,317	1,113	5,401	24,434	41,663
1981	2,742	1,176	2,192	1,443	1,290	5,701	21,560	40,245
1982	2,857	1,202	2,185	1,428	824	6,632	25,030	44,732
1983	3,452	1,448	2,970	1,719	1,145	7,393	23,092	46,579
1984	3,973	1,184	2,807	1,929	1,222	8,188	25,502	50,571
1985	3,476	1,337	2,846	1,944	1,371	7,701	28,931	52,811
1985								
State:								
Andhra Pradesh	149	124	120	50	166	935	2,314	4,021
Assam	40	50	153	77	77	133	1,202	1,845
Bihar	16	68	32	31	54	88	436	788
Gujarat	250	37	111	154	10	299	931	1,899
Haryana	69	44	13	31	28	150	459	860
Himachal Pradesh	8	6	6	7	-	6	51	80
Jammu & Kashmir	7	1	3	1	-	-	16	32
Karnataka	99	256	107	192	133	771	2,835	4,778
Kerala	123	30	219	244	44	721	4,154	6,075
Madhya Pradesh	216	38	95	167	99	493	1,620	3,448
Maharashtra	394	137	164	221	136	683	2,614	4,758
Manipur	-	-	-	-	-	1	25	27
Meghalaya	-	-	3	3	1	11	18	36
Nagaland	-	-	-	-	-	-	16	17
Orissa	119	50	217	66	34	291	1,296	2,342
Punjab	24	15	22	27	8	55	158	350
Rajasthan	140	20	34	75	28	142	298	913
Sikkim	-	4	-	6	-	3	12	25
Tamil Nadu	431	323	401	72	155	1505	4,273	7,798
Tripura	13	6	51	28	17	93	158	461
Uttar Pradesh	128	89	87	59	167	295	1,723	2,690
West Bengal	1,137	-	966	406	214	809	3,747	8,511
Union Territory:								
A. & N. Islands	22	2	6	2	-	10	22	65
Arunachal Pradesh	3	-	5	2	-	3	28	41
Chandigarh	1	-	2	-	-	13	10	26
D. & N. Haveli	2	-	-	3	-	2	5	13
Delhi	22	10	10	7	-	58	298	442
Goa, Daman & Diu	10	2	9	13	-	14	59	111
Lakshadweep	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	16	17
Pondicherry	53	25	10	-	-	117	37	334
City:								
Ahmedabad	7	-	5	16	-	25	110	171
Bangalore	2	23	5	2	-	35	392	461
Bombay	20	9	19	22	3	56	285	423
Calcutta	7	-	16	5	1	31	57	128
Delhi	19	10	8	7	-	57	285	410
Hyderabad	8	4	4	6	-	20	132	184
Kanpur	24	7	-	4	-	13	178	255
Madras	23	57	44	11	19	120	427	718

**EDUCATION**

The academic year for the tables in this section is taken to coincide with the financial year, ending 31st March.

Table 214

This is a summary table giving data regarding educational institutions, scholars and expenditure on education. Thus this table gives a general idea of the educational development in the country from 1950-51 onwards. Direct expenditure means expenditure directly connected with the maintenance of an institution viz. salary of teachers and other recurring expenditure. Indirect expenditure means all expenditure on inspection, direction, buildings, furniture, scholarships and other miscellaneous items. Its nature is such that it cannot be apportioned to each type of institution.

Table 215

This table shows the number of recognised educational institutions by various types.

Table 216

This table gives number of scholars by stages of instruction broadly categorised as below:

- (i) Colleges for general education.
- (ii) Colleges for professional and special education.
- (iii) Schools for general education.
- (iv) Schools for vocational/professional education.
- (v) Schools for special education.
- (vi) Schools for other education.

Special education includes mainly reformatory schools, schools for handicapped and jail schools. Institutions for fine art including music and dancing and social work which were formerly included under special education, from 1964-65 were included under professional education. Institutions of adult education and oriental studies have been included under other education.

Table 217

This table shows the number of institutions and scholars in rural areas i.e. the areas outside limits of municipal, cantonment and notified small-town committees.

Table 218

This table gives the expenditure on educational institutions by sources from which the finances are drawn. The sources of finances are mainly Government funds, Districts Board funds, Municipal funds, fees and endowments, etc. In calculating the expenditure from Government, District or Municipal Board funds, all payments or contributions from fees or other sources, which are credited to these funds are deducted.

Table 219

This table shows direct expenditure by type of educational institutions and indirect expenditure on all educational institutions. Indirect expenditure represents the amount incurred on direction, inspection, buildings, furniture, scholarships, hostels and other miscellaneous items.

Table 220

This table shows the number of total and women teachers engaged in teaching at different stages of education in recognised institutions, viz. primary, secondary and also in technical and special schools and in colleges and universities. Teachers in schools for general education are classified as trained and untrained.

Table 221

This table shows the progress of educational facilities to scheduled castes and scheduled tribes. The number of pupils shown here are inclusive of those reading in institutions meant for all communities. The number of pupils given in this table are also covered in earlier tables.

Table 222

This table shows the total literate population and literacy rate in India, according to sex as recorded in 1981 Population Census and excludes the information in respect of Assam.

## EDUCATION

Table 214-EDUCATIONAL INSTITUTIONS, SCHOLARS AND EXPENDITURE

## General Summary

Year	Number of institutions			Number of scholars ('000)		
				Colleges		Schools
	Colleges(1)	Schools	Total(2)	Total	Women	Total
1	2	3	4	5	6	7
1950-51	816	286,010	286,860	423	47	25,119
1955-56	1,204	365,394	366,641	730	97	33,187
1960-61	2,140	470,457	472,655	1,095	183	46,869
1965-66	5,740	721,414	727,262	2,095	429	68,460
1970-71	6,988	646,368	653,493	3,502	752	78,901
1975-76	8,395	633,116	641,663	4,618	1,071	90,670
1980-81	9,172	680,483	689,655 (a)	6,018	1,671	105,627 (a)
1983-84	14,071	861,272	875,536 (a)	6,532	1,748	126,134
1984-85	12,621 (#)	928,973	941,782 (a)	4,314 (#)	1,252 (#)	134,758
1985-86	12,956	936,440	950,702 (a)	4,470	1,337	138,898

Year	Number of scholars-contd. ( '000)			Expenditure (Rs.lakhs)		
	Schools -contd.	Total for Colleges and Schools		Direct	Indirect	Total
		Total	Women			
1	8	9	10	11	12	13
1950-51	6,354	25,543	6,401	9,105	2,333	11,438
1955-56	9,092	33,924	9,189	14,481	4,485	18,966
1960-61	14,076	47,964	14,260	25,736	8,702	34,438
1965-66	23,170	70,555	23,600	49,379	12,823	62,202
1970-71	27,674	82,403	28,426	96,107	15,722	111,829
1975-76	32,650	95,286	33,721	179,252	31,218	210,470
1980-81	38,665 (a)	111,644 (a)	40,336 (a)	344,249	19,806	364,055
1983-84	47,167	132,666	48,915	496,925	25,157	489,920
1984-85	50,717	139,072	51,969	..	25,065	521,990
1985-86	53,393	143,318	54,730	..	..	..

Source: Department of Education,  
Ministry of Human Resource Development

(1) Including Research Institutions.

(2) Includes Universities and Boards of Educations.

(a) Excludes social Adult Education Centres and their enrolment.

(#) Exclude the data of intermediate education which has been included in school final.

## EDUCATION

Table 215- NUMBER OF RECOGNISED EDUCATIONAL INSTITUTIONS

Year/State	Universities (1)	Boards of Educa- tions	Arts, Commerce & Science colleges including research institu- tions	Professional and Technical colleges					
				Agri- culture and forestry	Law	Medi- cine & Veteri- nary Science	Teachers training	Engg. tech. and archite- cture(2)	Others (3)
1	2	3	4	5	6	7	8	9	10
1950-51	27	7	542	20	19	49	53	33	100
1955-56	32	11	772	27	25	103	107	47	123
1960-61	45	13	1,122	39	38	151	478	78	234
1965-66	80	28	1,890	94	64	339	1,272	640	1,450
1970-71	100	37	2,912	84	91	243	1,338	738	1,582
1975-76	119	43	4,043	85	127	409(a)	1,333	778	1,620
1980-81	132	49	4,100(b)	72	154	496(a)	1,294	1,011	2,045
1983-84	144	49	8,457(c)	74	181	408(d)	1,334	1,252	2,365
1984-85	147	41	8,176	79	187	594	1,261	1,261	960
1985-86	149	42	8,303	81	191	359	1,449	1,436	1,137
State:									
Andhra Pradesh	14	2	1,016	3	9	20	67	141	107
Assam	3	2	165	2	12	2	41	20	4
Bihar	10	7	349	4	11	52	109	53	140
Gujarat	9	1	222	7	27	19	38	34	38
Haryana	3	1	110	4	-	7	18	104	28
Himachal Pradesh	2	1	35	1	-	2	2	20	9
Jammu & Kashmir	2	1	23	1	-	2	16	3	31
Karnataka	7	2	411	3	34	26	174	146	142
Kerala	5	1	174	4	4	14	112	32	14
Madhya Pradesh	11	2	297	10	25	38	67	86	57
Maharashtra	13	4	577	13	35	71	372	253	103
Manipur	1	1	28	1	1	1	-	7	25
Meghalaya	1	1	14	-	1	-	3	-	-
Nagaland	-	1	15	1	2	-	1	1	-
Orissa	4	1	324	2	14	8	103	21	24
Punjab	3	1	166	2	-	9	37	70	22
Rajasthan	6	2	136	3	3	8	64	47	58
Sikkim	-	-	1	-	1	-	-	-	-
Tamil Nadu	12	5	194	5	4	15	101	170	36
Tripura	1	1	9	-	-	30	-	2	12
Uttar Pradesh	22	1	3,653	8	1	26	20	123	13
West Bengal	11	2	285	7	4	-	87	56	242
Union Territory:									
A & N Islands	-	-	1	-	-	-	2	1	-
Arunachal Pradesh	-	-	2	-	-	-	-	-	-
Chandigarh	2	-	12	-	-	-	2	6	1
D & N Haveli	-	-	-	-	-	7	-	-	-
Delhi	7	1	53	-	-	-	5	19	24
Goa, Daman & Diu	-	1	9	-	2	1	5	18	4
Lakshadweep	-	-	2	-	-	-	-	-	-
Mizoram	-	-	12	-	-	-	3	2	1
Pondicherry	-	-	8	-	1	1	-	1	2

Source: Department of Education, Ministry of Human Resource Development

- (1) From 1964-65 onwards includes institutions of national importance and institutions deemed as universities.
- (2) From 1964-65 onwards, includes polytechnics which were previously included under schools.
- (3) Includes colleges for Applied Art, Physical Education, Journalism and other colleges for professional and technical education such as music, dancing and other fine arts, other education, etc.
- (a) Includes medicine allopathy, ayurveda, unani and homeopathy, dentistry, nursing, midwifery, compounding, Pharmacy and Public health. F Decrease due to data of dentistry nursing compounding have been included in others.
- (b) Includes Business Management and Intermediate colleges. # Decrease due W.B. was reporting 11 boards where there are 2 such boards.
- (c) Includes 3,152 intermediate institution of Uttar Pradesh which were earlier shown as Hr. Sec.
- (d) Excludes the data of Andhra Pradesh higher education. Decrease due to data of dentistry, nursing, compounding have been included in others.

## EDUCATION

Table 215- NUMBER OF RECOGNISED EDUCATIONAL INSTITUTIONS-contd.

Year/State/ Union Territory	Total all colleges (Col.4 to 10)	Schools for general education			Schools for vocatio- nal/ profess- ional education	Schools for special educa- tion	Schools for other education	Grand total for all the instituti- ons(general and tech). (6)
		Secon- dary(4)	Primary (5)	Nursery (5)				
1	11	12	13	14	15	16	17	18
1950-51	816	20,884	209,671	303	1,857	83	53,212	286,860
1955-56	1,204	32,568	278,135	630	3,276	94	51,085	366,641
1960-61	2,140	66,920	330,399	1,909	4,431	144	66,654	472,655
1965-66(e)	5,740	103,275	391,964	3,235	2,775	265	220,800	727,262
1970-71	6,988	127,359	408,378	4,174	2,337	305	103,815	653,493
1975-76	8,395	149,625	454,270	5,658	2,496	358	20,699	641,663
1980-81	9,172	169,571	494,503	10,697	2,562	399	2,570(f)	689,655(f)
1983-84	14,071	182,739	516,538	12,193	2,531	401	147,170	875,536
1984-85	12,621	189,339	521,048	13,085	2,791	408	202,302	941,782
1985-86	12,956	196,494	528,872	13,951	2,996	411	194,831	950,792
1985-86								
States:								
Andhra Pradesh	1,363	10,304	42,054	42	-	29	11,598	65,406
Assam	246	7,356	25,900	482	76	9	4,025	38,099
Bihar	718	15,589	50,916	3	23	10	21,423	88,699
Gujarat	385	19,490	12,572	2,209	1,104	55	10,433	46,258
Haryana	271	3,067	5,078	27	-	7	-	8,454
Himachal Pradesh	69	1,867	6,802	10	25	2	1,584	10,362
Jammu & Kashmir	76	3,169	7,860	-	-	2	-	11,110
Karnataka	936	18,921	24,735	5,067	106	29	17,418	67,221
Kerala	354	5,328	6,845	206	163	21	-	12,923
Madhya Pradesh	580	15,411	62,846	716	36	12	9,375	88,989
Maharashtra	1,424	24,772	37,811	759	740	87	20,525	86,235
Manipur	63	798	2,678	1	57	2	1,571	5,172
Meghalaya	18	890	4,129	1,080	8	-	1,300	7,427
Nagaland	20	453	1,270	-	5	-	750	2,499
Orissa	496	12,227	36,993	-	-	-	-	49,721
Punjab	306	3,976	12,331	2	40	9	-	16,668
Rajasthan	319	10,974	27,590	38	9	8	11,597	50,543
Sikkim	2	188	478	328	2	-	936	1,934
Tamil Nadu	525	9,814	29,118	27	137	69	22,478	62,185
Tripura	23	720	1,898	2,206	4	3	2,354	7,210
Uttar Pradesh	3,848	18,793	74,051	33	249	17	27,272	124,286
West Bengal	707	9,526	49,422	238	197	19	25,205	85,327
Union Territory:								
A & N Islands	4	87	181	18	-	-	264	544
Arunachal Pradesh	2	218	949	219	-	-	865	2,253
Chandigarh	21	89	34	60	-	1	261	468
D & N Haveli	-	43	124	-	-	-	147	314
Delhi	108	1,208	1,824	51	3	18	1,649	4,869
Goa, Daman & Diu	39	458	1,014	-	10	-	550	2,072
Lakshadweep	2	13	18	20	-	-	60	113
Mizoram	18	558	1,000	-	1	-	500	2,077
Pondicherry	13	187	351	109	1	2	691	1,354

(4) Includes Post Basic, Higher Secondary, Higher Senior Basic and Middle Schools.

(5) Includes Junior Basic, Basic Primary, Single teachers Primary &amp; Primary Others.

(6) Includes Universities and Boards of education also.

(e) Owing to the grouped presentation of data on schools for vocational, professional and other education, since 1964-65 by Ministry of Education, detailed break up on schools such as Teacher's Training, Medicine and Veterinary Science, Handicapped and Adult (Social) Education, etc. has to be discontinued. Details for the years upto 1960-61 are, however, available in the earlier issues of the abstract.

(f) Excludes Social Adult Education Centres.



## EDUCATION

Table 216-NUMBER OF SCHOLARS BY COURSES AND STAGES IN RECOGNISED INSTITUTIONS

Year/State/ Union Territory	College for general education							
	B.A., B.Sc. and B.Com(1)		M.A., M.Sc. and M.Com.(2)		Research(3)		Diploma/Certi- ficate(4)	
	Total	Women	Total	Women	Total	Women	Total	Women
1	2	3	4	5	6	7	8	9
1950-51	86,668	11,636	16,528	2,127	1,190	139	..	..
1955-56	150,902	24,772	25,333	4,040	2,564	371	..	..
1960-61	299,012	63,379	46,088	9,215	4,647	768	..	..
1965-66	625,907	170,120	71,821	18,612	6,851	1,405	..	..
1970-71	1,259,672	347,772	128,776	38,884	10,119	2,461	..	..
1975-76	1,408,744	452,000	176,613	53,248	13,898	3,677	8,994	1,987
1980-81	2,065,440	629,862	286,649	76,367	24,377	7,572	35,733	7,882
1983-84	2,580,944	816,309	289,789	90,166	26,172	8,228	19,684	5,583
1984-85	2,659,923	879,569	306,917	98,421	26,351	9,026	21,350	5,872
1985-86	2,787,071	938,590	325,190	106,136	26,696	9,598	20,417	6,094
1985-86								
State:								
Andhra Pradesh	195,565	58,075	15,358	3,822	1,432	405	488	186
Assam	46,651	15,173	3,941	1,358	200	60	12	2
Bihar	205,039	37,527	14,104	3,358	747	149	126	5
Gujarat	166,255	64,520	12,765	4,909	789	243	680	434
Haryana	65,079	22,134	4,591	2,241	493	210	289	76
Himachal Pradesh	14,127	3,924	1,089	415	404	159	316	79
Jammu & Kashmir	19,131	8,001	2,479	1,059	553	130	80	24
Karnataka	225,977	80,689	13,713	3,927	1,152	488	901	215
Kerala	111,024	56,448	12,182	5,913	1,434	543	537	162
Madhya Pradesh	196,932	61,883	38,867	13,782	3,102	1,247	13	3
Maharashtra	343,171	122,222	36,651	10,699	348	106	7,176	2,588
Manipur	8,162	3,215	717	299	99	38	57	22
Meghalaya	5,199	1,984	714	313	-	-	..	..
Nagaland	1,802	542	..	..	191	58	..	..
Orissa	47,882	11,864	7,703	1,947	556	330	..	..
Punjab	96,622	41,648	7,740	4,316	886	373	214	89
Rajasthan	127,459	28,196	27,319	7,671	-	-	470	118
Sikkim	365	106	..	..	2,338	970	..	..
Tamil Nadu	174,886	68,969	20,240	7,242	24	8	97	49
Tripura	8,410	2,894	188	66	5,774	1,559	..	..
Uttar Pradesh	323,058	78,898	80,464	21,456	929	321	1,897	730
West Bengal	287,727	119,989	13,681	5,879	-	-	647	158
Union Territory:								
A & N Islands	911	325	39	19	-	-	..	..
Arunachal Pradesh	942	113	38	2	688	375	..	..
Chandigarh	13,276	5,717	2,020	1,123	-	-	678	170
D & N Haveli	..	..	..	..	4,204	1,662	..	..
Delhi	90,549	38,646	7,050	4,052	50	10	5,739	984
Goa, Daman & Diu	5,844	3,046	376	181	50	-	..	..
Lakshadweep	..	..	..	..	..	-	..	..
Mizoram	1,797	590	14	4	..	-	..	..
Pondicherry	3,229	1,252	247	83	..	..	..	..

Source: Department of Education,  
Ministry of Human Resource Development

- (1) Does not include enrolments of B.Com for the years 1950-51 to 1975-76.
- (2) Does not include enrolments of M.Com for the years 1950-51 to 1975-76.
- (3) Does not include enrolments of research in commerce for the year 1950-51 to 1975-76.
- (4) Figures for year 1950-51 to 1970-71 are included in totals in cols.38 & 39 and from 1976-77 onwards includes Business Management and other Commerce diplomas.

## EDUCATION

Table 216-NUMBER OF SCHOLARS BY COURSES AND STAGES IN RECOGNISED INSTITUTIONS-contd.

Year/State/ Union Territory	Colleges for Professional and Special Education					
	Agriculture & forestry		Engineering, techno- logy & architecture		Law	
	Total	Women	Total	Women	Total	Women
1	10	11	12	13	14	15
1950-51	4,946	24	13,268	40	13,434	291
1955-56	6,197	37	19,858	38	20,268	347
1960-61	16,531	149	47,838	374	27,141	805
1965-66	35,005	209	230,040	4,865	36,034	1,452
1970-71	31,617	230	225,611	8,347	75,523	2,800
1975-76	33,804	677	302,023	15,083	143,593	7,511
1980-81	42,985	1,719	462,208	36,572	161,538	12,076
1983-84	44,080	2,258	467,963	33,202	200,066	17,029
1984-85	51,904#	3,263	466,727	36,281	199,856	18,365
1985-86	46,643	3,803	494,711	43,234	200,780	20,176
1985-86 State:						
Andhra Pradesh	2,169	620	48,584	4,536	3,696	772
Assam	648	46	5,932	267	4,704	583
Bihar	955	65	14,371	496	16,704	720
Gujarat	1,723	28	25,942	2,525	19,312	3,586
Haryana	1,691	116	7,200	213	672	41
Himachal Pradesh	1,128	64	1,464	374	431	65
Jammu & Kashmir	312	37	5,059	881	766	158
Karnataka	2,263	102	63,926	3,988	23,190	1,429
Kerala	1,391	442	19,152	3,789	3,253	860
Madhya Pradesh	2,816	225	35,394	1,498	21,741	1,648
Maharashtra	5,728	184	82,579	4,424	26,021	4,509
Manipur	111	16	818	117	697	151
Meghalaya	..	..	..	..	905	139
Nagaland	157	26	220	6	253	44
Orissa	1,022	..	7,449	83	8,518	320
Punjab	2,046	219	10,955	326	1,046	117
Rajasthan	3,784	688	14,433	2,231	7,213	533
Sikkim	..	..	..	..	120	21
Tamil Nadu	2,550	641	83,861	10,961	3,907	566
Tripura	..	..	559	39	..	..
Uttar Pradesh	13,917	132	13,327	605	41,546	2,001
West Bengal	1,647	39	27,774	847	5,776	1,227
Union Territory:						
A & N Islands	..	..	56	23	..	..
Arunachal Pradesh	..	..	..	..	..	..
Chandigarh	..	..	3,749	1,103	848	118
D & N Haveli	..	..	..	..	..	..
Delhi	585	113	16,476	3,324	3,444	387
Goa, Daman & Diu	..	..	4,697	412	634	142
Lakshadweep	..	..	..	..	..	..
Mizoram	..	..	204	25	..	..
Pondicherry	..	..	530	141	383	39

# Includes Veterinary Sciences.

## EDUCATION

Table 216-NUMBER OF SCHOLARS BY COURSES AND STAGES IN RECOGNISED INSTITUTIONS-contd.

Year/State	Colleges for Professional and Special Education					
	Medicine & Veterinary Science (6)		Teachers Training		Others (5)	
	Total	Women	Total	Women	Total	Women
1	16	17	18	19	20	21
1950-51	16,307	2,347	5,585	1,746	7,716	1,820
1955-56	28,721	4,000	14,280	4,318	12,635	3,350
1960-61	45,947	8,285	46,808	15,202	24,389	7,800
1965-66	80,437	16,743	159,923	57,776	34,724	15,047
1970-71	105,090	20,039	182,011	62,972	76,138	21,700
1975-76	141,025	33,133	188,474	67,298	79,714	18,586
1980-81	156,759	43,244	176,210	82,151	133,419	35,960
1983-84	168,460	51,979	182,621	80,062	231,397	66,015
1984-85	166,202	56,538	166,577	79,118	206,051	63,811
1985-86	176,194	55,309	186,584	87,654	206,558	65,622
1985-86						
State:						
Andhra Pradesh	10,281	3,428	12,290	5,441	8,641	3,031
Assam	2,917	716	3,955	898	398	97
Bihar	15,747	2,215	7,207	3,696	20,456	3,930
Gujarat	10,167	3,488	5,289	2,054	4,282	1,134
Haryana	4,473	2,136	3,357	1,719	2,045	751
Himachal Pradesh	632	140	201	69	1,472	692
Jammu & Kashmir	1,110	299	1,637	795	1,249	413
Karnataka	16,917	3,659	26,198	14,524	27,548	9,463
Kerala	8,629	3,639	10,474	7,722	3,798	1,941
Madhya Pradesh	7,333	1,831	9,737	3,733	6,940	2,928
Maharashtra	29,722	10,015	38,988	17,198	17,157	3,359
Manipur	477	165	..	..	297	114
Meghalaya	..	..	462	206	..	..
Nagaland	..	..	107	30	..	..
Orissa	3,362	539	10,728	2,945	2,737	823
Punjab	6,629	3,118	4,119	3,051	4,073	1,754
Rajasthan	7,346	2,305	11,109	3,397	3,583	656
Sikkim	..	..	..	..	..	..
Tamil Nadu	15,529	7,685	8,811	5,261	4,705	1,371
Tripura	373	293	..	..	1,517	970
Uttar Pradesh	12,871	1,659	15,078	6,778	4,621	1,700
West Bengal	13,619	4,222	12,816	5,180	85,000	28,514
Union Territory:						
A & N Islands	..	4,222	176	95	..	..
Arunachal Pradesh	..	..	..	..	..	..
Chandigarh	773	..	542	479	311	121
D & N Haveli	..	197	..	..	..	..
Delhi	5,562	..	1,930	1,546	5,411	1,702
Goa, Daman & Diu	892	2,639	825	671	146	57
Lakshadweep	..	508	..	..	..	..
Mizoram	68	..	548	166	16	10
Pondicherry	795	68	..	..	65	30

(5) Includes scholars in courses (collegiate) in physical education and other professional colleges as also in college for special education such as Music, Dancing and Fine Arts, Oriental Studies, Library-Science, Social Workers etc.

(6) Upto 1960-61, Medicine includes Dentistry, Public Health, Nursing, Pharmacy, midwifery and compounding while from 1965-66 onwards these are included under others.

## EDUCATION

Table 216-NUMBER OF SCHOLARS BY COURSES AND STAGES IN RECOGNISED INSTITUTIONS-contd.  
(By Stage of Instruction)

Year/State	Schools for General Education						Schools for Vocational & Professional Education	
	Nursery		Primary(7)		Secondary (8)		Total	Women
	Total	Women	Total	Women	Total	Women		
1	22	23	24	25	26	27	28	29
1950-51	28,309	13307	19,154,457	5,384,602	4,339,875	696,585	190,568	41,123
1955-56	75,495	30,631	25,167,013	7,639,251	6,170,905	1,187,500	280,120	66,041
1960-61	178,642	82,122	34,993,829	11,401,102	9,577,133	2,171,155	425,047	85,549
1965-66	262,073	121,760	50,471,222	18,293,211	15,574,401	4,018,262	293,444	86,677
1970-71	357,749	167,538	57,045,441	21,306,220	19,895,111	5,597,550	200,219	75,730
1975-76	569,296	256,187	65,660,022	25,010,985	23,447,697	7,116,654	224,210	84,845
1980-81	1,008,397	450,274	74,194,739	28,537,327	29,852,241	9,515,726	225,619	90,091
1983-84	1,277,915	585,159	82,590,188	32,230,918	37,360,334	12,276,032	224,251	93,426
1984-85	1,243,141	574,152	85,655,791	33,733,885	41,692,707	13,669,201	274,724	99,394
1985-86	1,421,772	648,065	87,440,514	35,193,740	43,845,856	14,624,273	199,986	92,229
1985-86								
State:								
Andhra Pradesh	17,380	7,221	6,698,983	2,850,813	2,966,479	1,008,215	..	3,195
Assam	22,639	10,907	2,671,698	1,161,926	1,408,925	543,830	9,687	762
Bihar	28,404	8,888	8,049,386	2,605,470	3,004,268	661,914	1,558	31703
Gujarat	136,675	60,725	4,947,362	2,115,399	2,347,604	880,903	56,096	135
Haryana	3,908	1,618	1,575,553	627,665	911,962	263,512	292	667
Himachal Pradesh	6,249	2,720	629,505	285,887	408,849	148,803	1,087	0
Jammu & Kashmir	14,330	5,737	663,702	253,317	366,402	120,888	0	3,662
Karnataka	312,468	142,099	4,923,901	2,174,332	2,226,996	776,233	8,026	5,085
Kerala	12,837	6,529	3,232,596	1,574,476	2,742,841	1,361,776	25,962	1,295
Madhya Pradesh	91,990	39,045	6,914,308	2,579,080	2,793,780	707,373	4,315	24,039
Maharashtra	150,932	67,266	9,291,849	4,150,530	5,004,352	1,798,686	36,808	355
Manipur	353	124	2,355,862	105,517	126,732	52,013	814	236
Meghalaya	171,361	84,185	134,299	63,502	61,817	28,589	484	110
Nagaland	72,078	35,322	134,630	64,903	50,170	22,684	488	0
Orissa	..	..	3,578,697	1,379,874	1,543,505	548,638	0	2,156
Punjab	10,338	4,284	2,038,097	925,797	1,118,931	460,739	2,518	582
Rajasthan	79,517	35,316	4,013,892	1,119,835	1,680,183	314,944	1,044	51
Sikkim	9,840	4,344	63,141	27,078	19,882	7,918	196	2,899
Tamil Nadu	4,550	2,313	7,193,409	3,303,205	3,731,518	1,484,082	19,162	614
Tripura	107,393	53,022	355,181	158,147	154,242	64,014	2,372	2,822
Uttar Pradesh	53,552	21,615	11,086,224	3,769,468	6,255,998	1,422,367	8,312	10,636
West Bengal	31,955	13,840	7,686,786	3,285,420	3,858,844	1,501,437	16,967	..
Union Territory:								
A & N Islands	2,079	946	35,125	16,326	23,705	10,221	..	..
Arunachal Pradesh	7,185	3,229	85,132	33,742	25,075	8,522	..	..
Chandigarh	4,738	2,237	38,118	17,382	38,571	16,919	..	..
D & N Haveli	..	..	14,269	5,748	5,249	1,900	..	..
Delhi	51,947	26,500	786,010	368,243	732,290	313,032	1,314	123
Goa,Daman & Diu	..	..	167,414	78,625	126,802	56,739	3,166	774
Lakshadweep	1,333	685	7,777	3,630	4,445	1,720	..	..
Mizoram	10,011	4,781	96,555	45,802	38,939	18,089	40	40
Pondicherry	5,730	2,567	91,053	42,601	66,500	27,023	278	278

(7) Primary stage (I-V classes).

(8) Secondary stage (VI-XI/XII classes). It also includes Intermediate/Pre-university till 1982-83.

## EDUCATION

Table 216-NUMBER OF SCHOLARS BY COURSES AND STAGES IN RECOGNISED INSTITUTIONS-concl'd.

Year/State	Schools for Special Education		Schools for other Education		Total in all recognised Institution (General and Technical)	
	Total	Women	Total	Women	Total	Women
1	30	31	32	33	34	35
1950-51	4,438	520	195,006	217,553	25,542,772	6,400,763
1955-56	4,886	1,157	1,489,032	270,811	33,923,593	9,188,707
1960-61	8,394	2,059	1,684,021	334,793	47,964,402	14,259,505
1965-66	23,140	5,384	1,835,674	645,159	70,555,180	23,599,820
1970-71	26,345	6,182	1,367,178	524,565	81,733,757	28,136,732
1975-76	(c)	(c)	768,333	181,520	95,285,550	33,724,153
1980-81	32,914	9,289	313,357	62,454	111,643,517 (d)	40,336,092
1983-84	36,797	10,770	4,644,304	1,971,449	132,665,936	48,915,499
1984-85	38,460	10,902	5,895,175	2,631,074	139,071,856	51,968,872
1985-86	39,219	11,178	5,950,281	2,823,868	143,368,472	54,729,569
1985-86						
State:						
Andhra Pradesh	3,464	537	347,371	136,692	10,337,181	4,083,794
Assam	478	143	182,730	79,885	4,365,515	1,819,076
Bihar	422	47	751,313	264,446	12,130,807	3,593,708
Gujarat	4,321	1,244	308,702	144,604	8,047,964	3,317,499
Haryana	384	89	..	..	2,581,989	922,656
Himachal Pradesh	18	10	40,837	26,078	1,107,809	470,146
Jammu & Kashmir	36	..	..	..	1,076,846	391,739
Karnataka	4,235	1,595	541,285	209,527	8,418,696	3,425,932
Kerala	2,118	780	..	..	6,188,228	3,030,105
Madhya Pradesh	1,257	157	287,918	121,741	10,416,443	3,537,469
Maharashtra	7,483	2,737	645,272	413,355	15,724,237	6,521,917
Manipur	77	24	22,034	11,561	397,307	173,731
Meghalaya	..	..	30,312	12,513	405,553	191,667
Nagaland	..	..	22,000	11,500	282,096	135,225
Orissa	..	..	..	..	5,212,159	1,947,363
Punjab	527	129	..	..	3,300,622	1,448,116
Rajasthan	550	104	415,757	170,374	6,393,659	1,686,950
Sikkim	..	..	15,296	5,611	111,178	46,099
Tamil Nadu	9,287	2,146	704,975	594,607	11,977,511	5,492,005
Tripura	88	27	41,050	21,041	677,147	302,686
Uttar Pradesh	1,305	280	809,050	322,639	18,722,149	5,653,471
West Bengal	1,477	530	653,728	195,591	12,698,444	5,174,009
Union Territory:						
A & N Islands	..	..	4,858	2,581	66,949	30,536
Arunachal Pradesh	..	..	24,077	9,083	142,449	54,691
Chandigarh	47	..	7,109	4,409	111,468	50,350
D & N Haveli	..	..	4,410	3,339	23,928	10,987
Delhi	549	566	49,584	39,450	1,763,544	802,969
Goa, Daman & Diu	..	..	9,973	6,773	320,819	147,796
Lakshadweep	..	..	1,000	400	14,555	6,435
Mizoram	..	..	10,867	5,200	159,059	74,775
Pondicherry	96	33	18,733	10,500	187,639	874,622

(c) Enrolment of school for special education is included in columns 36 and 37.

(d) Excludes the enrolment of Social Adult Education Centres.

## EDUCATION

Table 217-NUMBER OF INSTITUTIONS AND SCHOLARS IN RURAL AREAS

Year	Universities and colleges				Secondary and middle schools				Primary and Pre-primary schools	
	Number of institutions		Number of scholars('000)		Number of institutions		Number of scholars('000)		Number of institutions	
	Total	Women	Total	Women	Total	Women	Total	Women	Total	Women
1	2	3	4	5	6	7	8	9	10	11
1950-51	58	1	104	6	13,240	621	2,544	252	176,027	9,055
1955-56	87	3	241	14	21,589	1,009	4,828	630	247,823	10,464
1960-61	270	15	362	30	49,464	2,445	10,827	2,526	301,518	15,145
1965-66	1,513	54	244	39	80,644	4,816	17,633	4,854	360,146	19,954
1970-71	1,823	71	437	71	100,223	6,004	22,132	6,301	372,942	21,103
1978-79	2,494	..	702	142	125,920	..	29,619	9,390	436,453	..
1980-81	2,387(a)	..	730(a)	141(a)	128,920	..	31,658	9,748	450,126	..
1983-84	5,005(a)	..	2,555(a)	404(a)	142,079	..	36,093	12,909	468,643	..
1984-85	1,779(a)	..	963(a)	232(a)	146,416	..	37,038	11,937	473,336	..
1985-86	1,852(a)	..	987(a)	250(a)	154,293	..	39,229	12,939	480,266	..

Year	Primary and Pre-Primary schools		Professional and special schools				Total			
	Number of scholars('000)		Number of institutions		Number of scholars('000)		Number of institutions		Number of scholars('000)	
	Total	Women	Total	Women	Total	Women	Total	Women	Total	Women
1	12	13	14	15	16	17	18	19	20	21
1950-51	14,470	2,938	16,539	709	1,090	154	205,864	10,386	18,227	3,350
1955-56	17,547	4,657	40,897	2,431	1,279	104	310,396	13,907	23,696	5,407
1960-61	21,655	6,360	58,776	11,419	1,496	251	410,028	29,024	34,339	9,167
1965-66	30,335	10,281	205,627	131,310	1,646	572	647,930	156,134	49,856	15,746
1970-71	34,276	11,660	94,054	16,148	1,143	448	567,219	73,326	57,987	18,490
1978-79	38,942	13,867	30,857	..	994	242	595,722	..	76,257	23,571
1980-81	41,386	15,024	2,204(b)	..	171(b)	36(b)	583,637(b)	..	73,945(b)	24,949(b)
1983-84	47,118	17,482	2,433(b)	..	197(b)	46(b)	618,200(b)	..	85,962(b)	30,042(b)
1984-85	48,832	18,246	3,438(b)	..	272(b)	56(b)	624,969	..	87,105	30,471
1985-86	50,524	19,342	3,748(b)	..	311(b)	70(b)	640,159(b)	..	91,051(b)	32,601(b)

Source: Department of Education,  
Ministry of Human Resource Development

(a) Includes intermediate colleges and their enrolment.

(b) Excluding social Adult Education Centres and their enrolment.

Note: (1) Totals may not tally due to rounding off of figures

(2) Figures for the year 1975-76 are not available.

## EDUCATION

Table 218-EXPENDITURE ON RECOGNISED EDUCATIONAL INSTITUTIONS

(By Sources)

(Rs.lakhs)

Year	From Govt. funds	From local bodies funds	From fees	From endow- ments and other sources	Total
1	2	3	4	5	6
1950-51	6,527	1,250	2,333	1,329	11,438
1955-56	11,721	1,635	3,790	1,820	18,966
1960-61	23,409	2,249	5,903	2,877	34,438
1965-66	43,745	4,519	9,794	4,144	62,202
1970-71	84,595	4,849	14,324	8,061	111,829
1975-76	146,879	..	..	..	210,470
19780-81	4,286,705	177,329	3,090,208	1,516,928	37,667,132
1981-82(P)	37,291,301	2,201,974	3,474,432	1,792,288	44,760,075
1982-83(P)	41,440,910	2,676,401	3,837,649	1,991,279	49,946,239
1983-84(P)	44,701,300	3,193,914	4,133,806	2,117,263	54,146,283

Source: Department of Education,  
Ministry of Human Resource Development

Note: From 1976-77 the revised system envisages income by sources.

## EDUCATION

Table 219-EXPENDITURE ON RECOGNISED EDUCATIONAL INSTITUTIONS

(By Type of Education)

(Rs.lakhs)

Year/ State	Direct expenditure				
	Universities	Board of education	Research institution	Colleges for general education	Colleges for professional & special education
1	2	3	4	5	6
1950-51	491	53	63	117	444
1955-56	798	132	139	1,165	736
1960-61	1,414	241	270	2,092	1,672
1965-66	3,895	483	183	3,834	4,787
1970-71	7,090	1,071	288	9,418	9,220
1975-76	13,426	2,035	361	17,564	15,394
1978-79	21,260	2,974	840	29,499	21,382
1980-81(P)	31,828	4,477	1,109	38,462	30,656
1982-83(P)	40,296	5,295	1,144	47,519	35,554
1983-84(P)	42,759	4,675	1,596	53,566	37,293
1983-84					
State:					
Andhra Pradesh	4,455	273	..	7,524	3,114
Assam	708	89	..	1,354	785
Bihar	3,322	541	18	4,519	2,246
Gujarat	1,129	248	645	2,364	2,861
Haryana	121	185	..	1,358	1,517
Himachal Pradesh	263	79	..	258	266
Jammu & Kashmir	359	48	..	432	640
Karnataka	2,444	127	59	3,450	3,028
Kerala	986	263	..	3,167	1,476
Madhya Pradesh	907	..	..	2,293	2,091
Maharashtra	2,457	646	277	7,414	4,271
Manipur	81	14	..	393	154
Meghalaya	216	18	..	129	11
Nagaland	..	..	..	..	..
Orissa	583	..	..	1,496	695
Punjab	1,006	543	..	1,891	2,091
Rajasthan	1,060	..	..	1,349	1,497
Sikkim	..	..	..	9	2
Tamil Nadu	3,779	313	14	3,398	2,896
Tripura	16	17	..	141	139
Uttar Pradesh	6,679	727	112	4,614	2,578
West Bengal	4,949	289	338	3,339	2,555
Union Territory:					
A. & N. Islands	..	..	..	20	9
Arunachal Pradesh	..	..	..	35	..
Chandigarh	1,929	..	..	258	380
D. & N. Haveli	..	..	..	..	..
Delhi	5,156	246	134	2,027	1,348
Goa, Daman and Diu	20	12	..	90	486
Lakshadweep	..	..	..	27	..
Mizoram	13	..	..	118	47
Pondicherry	..	..	..	98	328

Source: Department of Education,  
Ministry of Human Resource Development

Note: Totals may not tally due to rounding off of figures.



## EDUCATION

Table 219-EXPENDITURE ON RECOGNISED EDUCATIONAL INSTITUTIONS-contd.  
(By Type of Education)

(Rs. lakhs)

Year/ State	Direct expenditure						Indirect Expendi- ture	Total Expendi- ture
	High Schools (including higher Secondary)	Middle schools (Basic & non- basic)	Primary Schools (Basic & non-basic)	Pre- Primary Schools	Schools for Vocational Technical & Special education	Total direct expendi- ture		
1	7	8	9	10	11	12	13	14
1950-51	2,304	770	3,648	12	603	9,105	2,333	11,438
1955-56	3,761	1,540	5,373	25	810	14,481	4,485	11,866
1960-61	6,891	4,292	7,345	59	1,461	25,736	8,702	34,438
1965-66	13,769	8,428	12,872	114	1,015	49,379	12,823	62,202
1970-71	27,000	17,094	23,457	191	1,278	96,107	15,722	111,829
1975-76	49,356	34,097	44,631	330	2,057	179,252	31,218	210,470
1978-79	76,656	47,076	65,499	446	2,639	268,270	24,740	293,011
1980-81(P)	102,218	54,781	83,847	578	3,875	344,249	19,805	364,214
1982-83(P)	135,615	79,973	112,591	714	6,062	464,763	25,157	489,920
1983-84(P)	149,047	83,437	118,139	783	5,626	496,925	25,065	521,990
1983-84								
State:								
Andhra Pradesh	..	..	..	..	67	15,433	1,451	16,884
Assam	2,696	1,494	4,614	24	100	11,864	1,132	129,966
Bihar	7,275	8,829	9,810	..	631	37,191	1,121	38,312
Gujarat	9,332	12,815	3,540	219	284	33,437	1,360	34,796
Haryana	5,438	1,221	1,762	5	17	11,624	237	11,861
Himachal Pradesh	1,974	853	2,170	3	49	5,916	258	6,174
Jammu & Kashmir	2,162	1,375	1,159	..	2	6,176	653	6,829
Karnataka	5,145	10,421	3,854	94	419	29,039	1,508	30,547
Kerala	8,930	4,098	3,714	24	456	23,113	807	23,920
Madhya Pradesh	6,636	6,148	11,552	63	190	29,881	590	30,471
Maharashtra	24,088	14,164	12,840	109	863	67,129	3,294	70,422
Manipur	659	345	843	..	17	2,507	359	2,866
Meghalaya	220	112	310	7	24	1,048	277	1,326
Nagaland	..	..	..	..	..	1	..	1
Orissa	3,081	2,332	5,340	..	..	13,523	732	14,255
Punjab	8,378	1,398	6,178	1	133	21,610	606	22,216
Rajasthan	5,950	4,422	3,961	15	560	18,814	476	19,290
Sikkim	202	86	153	11	15	476	150	627
Tamil Nadu	12,644	5,544	10,540	10	838	40,017	1,998	42,016
Tripura	1,077	433	810	44	157	2,834	185	3,019
Uttar Pradesh	19,288	5,596	17,126	17	102	56,940	2,526	59,466
West Bengal	14,101	..	13,265	55	500	39,171	2,415	41,586
Union Territory:								
A. & N. Islands	169	114	161	2	4	478	126	604
Arunachal Pradesh	293	245	336	11	7	927	366	1,293
Chandigarh	159	25	29	4	8	2,793	104	2,897
D. & N. Haveli	29	37	23	2	3	94	29	123
Delhi	7,988	865	3,137	49	121	21,071	1,958	23,030
Goa, Daman and Diu	704	82	427	..	28	1,849	171	2,020
Lakshadweep	52	38	31	4	..	152	21	173
Mizoram	143	251	353	..	12	937	50	987
Pondicherry	215	103	104	10	19	878	105	983

Note: Totals may not tally due to rounding off of figures.

## EDUCATION

Table 220-NUMBER OF TEACHERS IN EDUCATIONAL INSTITUTIONS

(By Stages of Institutions)

Year/State	Primary Schools(1)				Secondary Schools(2)			
	Trained		Untrained		Trained		Untrained	
	Total	Women	Total	Women	Total	Women	Total	Women
1	2	3	4	5	6	7	8	9
1950-51	316,678	57,275	222,106	25,702	113,549	20,742	98,451	12,177
1955-56	424,336	87,238	268,793	31,420	200,114	41,550	138,074	17,379
1960-61	477,791	95,453	267,730	34,934	419,568	107,374	221,965	38,505
1965-66	865,906	201,396	341,278	65,545	533,514	123,957	210,468	38,089
1970-71	1,124,587	276,302	251,589	58,550	736,477	179,869	212,410	38,377
1975-76	1,052,300	244,474	205,204	48,073	1,307,706	374,875	228,783	49,004
1980-81	1,186,464	304,470	186,270	48,390	1,568,443	460,680	194,452	46,968
1983-84	1,263,573	334,666	196,509	51,172	1,628,300	511,176	192,929	51,753
1984-85(P)	1,286,169	345,291	215,916	57,783	1,701,435	541,968	199,847	53,448
1985-86(P)	1,285,335	356,533	230,809	64,038	1,866,552	581,227	214,385	58,277
1985-86								
State:								
Andhra Pradesh	90,660	24,458	3,309	796	106,191	30,724	1,940	791
Assam	36,702	7,245	19,576	5,741	16,295	2,924	44,248	6,994
Bihar	104,312	16,136	6,961	1,481	127,516	19,965	7,035	1,453
Gujarat	28,805	12,116	1,000	821	166,726	59,226	3,402	2,096
Haryana	15,570	5,990	7	5	51,485	18,982	205	107
Himachal Pradesh	15,544	5,134	444	87	15,935	3,893	267	173
Jammu & Kashmir	9,257	3,689	2,713	1,209	25,517	8,345	7,698	2,567
Karnataka	42,148	14,237	6,520	4,135	121,383	35,675	13,128	6,040
Kerala	48,566	29,890	1,674	439	135,161	78,896	4,846	2,632
Madhya Pradesh	110,393	21,655	42,947	12,379	87,933	19,227	21,907	6,411
Maharashtra	107,292	41,526	8,926	3,206	261,602	83,847	15,452	4,975
Manipur	5,991	625	2,950	1,032	3,896	525	5,356	1,445
Meghalaya	2,924	1,096	4,611	2,101	1,227	581	4,030	1,485
Nagaland	2,727	724	3,642	996	1,473	284	4,138	1,119
Orissa	72,943	8,537	10,476	1,600	60,567	8,464	8,985	973
Punjab	47,220	25,336	317	278	55,276	23,709	557	435
Rajasthan	50,785	10,989	8,126	3,945	107,946	22,208	5,814	3,184
Sikkim	1,015	322	1,191	509	1,250	432	1,616	505
Tamil Nadu	116,748	44,983	..	..	169,888	72,009	1,356	1,009
Tripura	4,824	2,552	4,849	1,188	5,448	1,530	5,251	1,334
Uttar Pradesh	23,729	44,837	15,581	5,520	200,939	34,849	12,901	3,112
West Bengal	107,532	20,680	81,762	15,046	88,885	26,134	38,988	7,502
Union Territory:								
A. & N. Islands	616	205	78	51	1,843	775	135	62
Arunachal Pradesh	894	151	1,106	279	1,078	151	1,257	223
Chandigarh	419	395	..	..	2,565	2,064	..	..
D. & N. Haveli	167	60	8	..	410	176	32	18
Delhi	17,530	10,025	5	5	36,673	20,951	722	505
Goa, Daman and Diu	2,789	1,509	207	168	5,738	2,889	1,299	804
Lakshadweep	196	84	16	7	379	98	33	10
Mizoram	1,726	580	1,740	973	1,659	303	1,768	302
Pondicherry	1,749	707	73	46	3,668	1,391	19	11

Source: Department of Education,  
Ministry of Human Resource Development

(1) Includes Pre-Primary, junior basic schools.

(2) Includes middle, senior basic and post basic schools.

## EDUCATION

Table 220--NUMBER OF TEACHERS IN EDUCATIONAL INSTITUTIONS--contd.

(By Stages of Institutions)

Year/State	Colleges and universities(3)						Total number of Teachers in all Institutions	
	Technical and Special Schools		Colleges for General Education		Technical and Special colleges			
	Total	Women	Total	Women	Total	Women	Total	Women
1	10	11	12	13	14	15	16	17
1950-51	28,284	3,382	18,648	1,716	5,805	407	803,521	121,351
1955-56	37,208	4,583	28,883	3,136	9,982	822	1,106,535	186,128
1960-61	58,851	7,632	41,759	5,645	20,470	2,187	1,508,134	291,730
1965-66	46,541	8,416	67,717	12,293	60,647	6,042	2,132,928	461,550
1970-71	33,454	6,514	113,037	20,623	76,613	8,599	2,558,161	597,615
1975-76	39,544	8,285	147,878	28,287	87,944	10,985	3,069,159	763,983
1980-81	30,055	6,696	185,558	38,776	96,058	13,477	3,447,300	919,457 (a)
1983-84	28,065	6,488	316,326	65,121	102,511	15,317	3,728,213	1,035,693
1984-85	38,500	7,766	315,745	45,709	94,615	14,783	3,852,227	1,058,982
1985-86	40,524	82,498	322,193	67,641	94,118	15,595	4,053,916	1,151,550
1985-86								
State:								
Andhra Pradesh	253	109	30,032	6,404	8,251	1,184	240,636	64,466
Assam	1,079	110	5,545	1,299	1,945	234	125,390	24,547
Bihar	5,373	120	17,460	2,533	6,661	611	275,318	42,299
Gujarat	3,928	1,566	6,735	1,190	4,434	626	215,030	77,641
Haryana	52	12	4,674	1,441	3,310	444	75,303	26,981
Himachal Pradesh	175	81	1,351	237	488	49	34,204	9,654
Jammu & Kashmir	5	0	1,523	379	1,332	221	48,045	29,884
Karnataka	2,288	318	24,885	4,205	8,809	1,026	219,161	65,636
Kerala	2,395	543	14,125	4,823	5,273	1,440	212,040	118,663
Madhya Pradesh	776	106	8,835	2,307	5,772	585	278,563	62,670
Maharashtra	3,079	1,521	26,176	6,120	15,678	2,795	438,205	143,990
Manipur	282	67	1,356	349	495	110	20,326	4,153
Meghalaya	48	30	145	13	569	174	13,554	5,453
Nagaland	62	8	268	74	60	12	12,370	3,217
Orissa	..	..	7,469	1,384	2,565	331	163,005	21,289
Punjab	279	177	5,824	2,149	4,251	838	113,724	52,922
Rajasthan	2,502	636	6,493	1,554	3,228	539	184,894	43,055
Sikkim	19	15	24	6	8	..	5,123	1,781
Tamil Nadu	2,772	62	16,147	4,750	8,622	1,936	315,533	125,308
Tripura	186	20	425	76	191	35	21,174	26,575
Uttar Pradesh	11,118	1,469	114,300	18,767	2,395	354	380,963	108,908
West Bengal	3,575	636	18,642	4,245	6,304	1,179	345,688	75,422
Union Territory:								
A. & N. Islands	..	..	43	10	22	9	2,737	1,112
Arunachal Pradesh	..	..	70	5	..	..	4,405	809
Chandigarh	7	6	1,562	571	375	85	4,928	3,121
D. & N. Haveli	..	..	..	..	..	..	617	254
Delhi	138	49	6,911	2,463	2,138	586	64,117	34,584
Goa,Daman and Diu	114	23	512	152	612	120	11,271	5,725
Lakshadweep	..	..	27	2	..	0	651	201
Mizoram	6	5	266	44	83	20	7,248	2,227
Pondicherry	13	11	368	89	247	52	6,137	2,307

(3) Includes Research Institutions.

(a) Excludes teachers of social Adult Education Centres.

## EDUCATION

Table 221-EDUCATION OF SCHEDULED CASTES AND SCHEDULED TRIBES

Year/State	Total No. of pupils		
	Boys	Girls	Total
1	2	3	4
1950-51(a)	4,551,197	1,129,051	5,680,248
1955-56(a)	7,994,471	2,239,970	10,234,441
1960-61(a)	11,734,975	4,018,613	15,753,588
1965-66	7,742,642	2,922,963	10,665,605
1970-71	8,644,935	3,426,163	12,071,098
1975-76	10,737,738	4,611,496	15,349,234
1979-80	14,238,678	6,700,117	20,938,795
1980-81	15,039,102	7,189,905	22,229,007
1981-82	15,967,156	7,724,389	23,691,545
1982-83(P)	16,326,121	8,017,879	24,344,000
1982-83			
State:			
Andhra Pradesh	1,154,111	700,857	1,854,968
Assam	479,088	312,385	791,453
Bihar	1,394,377	473,853	1,868,230
Gujarat	889,002	543,726	1,442,728
Haryana	258,272	106,558	364,830
Himachal Pradesh	142,329	82,975	225,304
Jammu & Kashmir	46,097	21,382	67,479
Karnataka	633,728	385,959	1,019,684
Kerala	380,710	362,216	742,926
Madhya Pradesh	1,689,692	578,275	2,267,967
Maharashtra	1,594,779	940,123	2,534,902
Manipur	63,196	47,649	110,845
Meghalaya	154,243	136,383	290,626
Nagaland	110,552	77,711	188,263
Orissa	857,454	420,373	1,277,827
Punjab	474,958	303,898	778,856
Rajasthan	917,891	144,660	1,062,551
Sikkim	11,214	8,101	19,315
Tamil Nadu	1,153,321	788,488	1,941,809
Tripura	138,023	95,489	233,512
Uttar Pradesh	2,265,566	593,309	2,858,875
West Bengal	1,184,344	664,492	1,848,836
Union Territory:			
A. & N. Islands	2,616	1,946	4,562
Arunachal Pradesh	46,187	23,236	69,423
Chandigarh	7,781	6,081	13,862
D. & N. Haveli	8,920	5,755	14,675
Delhi	162,360	112,813	275,173
Goa, Daman and Diu	5,028	3,324	8,352
Lakshadweep	7,093	5,261	12,354
Mizoram	71,243	62,583	133,826
Pondicherry	11,966	8,021	19,987

Source: Department of Education,  
Ministry of Human Resource Development

(a) Including other backward classes.

## EDUCATION

Table 222-LITERACY IN INDIA

State/Union Territory	Population Census-1981 ('000)	Literate and educated persons 1981('000)			1981 Literacy rate		
		Persons	Males	Females	Number of literates to 1,000 Persons	Number of male literates to 1,000 males	Number of female literates to 1,000 females
1	2	3	4	5	6	7	8
INDIA (1) (2)	665,288	241,032	161,286	79,746	362	469	248
State:							
Andhra Pradesh	53,549	16,035	10,642	5,393	299	393	204
Assam	..	..	..	..	..	..	..
Bihar	69,915	18,321	13,691	4,630	262	381	136
Gujarat	34,086	14,896	9,555	5,341	437	544	323
Haryana	12,922	4,670	3,331	1,339	361	482	223
Himachal Pradesh	4,280	1,818	1,154	664	425	532	315
Jammu & Kashmir(2)	5,987	1,597	1,149	448	267	363	159
Karnataka	37,136	14,283	9,236	5,047	385	488	277
Kerala	25,454	17,925	9,428	8,497	704	753	657
Madhya Pradesh	52,179	14,544	10,617	3,927	279	395	155
Maharashtra	62,784	29,621	19,057	10,564	472	588	348
Manipur	1,421	587	384	203	414	533	291
Meghalaya	1,336	455	259	196	341	379	301
Nagaland	775	330	208	122	426	501	339
Orissa	26,370	9,028	6,269	2,759	342	471	211
Punjab	16,789	6,860	4,215	2,645	409	472	337
Rajasthan	34,262	8,354	6,481	1,873	244	363	114
Sikkim	317	108	76	32	341	439	222
Tamil Nadu	48,408	22,638	14,268	8,370	468	583	350
Tripura	2,053	865	546	319	421	517	320
Uttar Pradesh	110,862	30,105	22,798	7,307	272	388	140
West Bengal	54,581	22,344	14,473	7,871	409	507	303
Union Territory:							
A. & N. Islands	189	97	63	34	516	587	421
Arunachal Pradesh	632	131	98	33	208	289	113
Chandigarh	452	292	176	116	648	690	593
D. & N. Haveli	104	28	19	9	267	363	168
Delhi	6,220	3,828	2,353	1,475	615	684	531
Goa,Daman and Diu	1,087	616	360	256	567	656	476
Lakshadweep	40	22	13	9	551	652	446
Mizoram	494	296	166	130	599	645	549
Pondicherry	604	338	201	137	559	658	457

Source: Registrar General, India,  
Ministry of Home Affairs

(1) Excludes Assam.

(2) Excludes the population of those areas which are under illegal occupation of Pakistan and China where Census could not be taken.

## EDUCATION

Table 222-LITERACY IN INDIA-contd.

State/Union Territory	1971 Literacy rate			1961 Literacy rate (3)			1951 Literacy rate		
	Number of literates to 1,000 persons	Number of male literates to 1,000 males	Number of female literates to 1,000 females	Number of literates to 1,000 persons	Number of male literates to 1,000 males	Number of female literates to 1,000 females	Number of literates to 1,000 persons	Number of male literates to 1,000 males	Number of female literates to 1,000 females
1	9	10	11	12	13	14	15	16	17
INDIA	295	395	187	283(*)	404(*)	153(*)	166(a)	249(a)	79(a)
State:									
Andhra Pradesh	246	332	158	246	350	140	132	197	65
Assam	287	372	193	330	443	196	183	274	79
Bihar	199	306	87	218	352	82	122	205	38
Gujarat	358	461	248	362	487	228	230	323	133
Haryana	269	373	149	241	351	113	..	..	..
Himachal Pradesh	320	432	202	249	376	112	77	126	24
Jammu & Kashmir	186	268	93	130	198	51	..	..	..
Karnataka	315	416	210	298	423	167	193	291	92
Kerala	604	666	543	551	649	456	407	502	315
Madhya Pradesh	221	327	109	205	322	81	98	162	32
Maharashtra	392	510	264	351	493	198	209	314	98
Manipur	329	460	195	360	535	189	114	208	24
Meghalaya	295	341	246	..	..	..	..	..	..
Nagaland	274	350	187	204	272	130	104	150	57
Orissa	262	383	139	252	403	101	158	273	45
Punjab	337	404	259	315	407	207	152	210	85
Rajasthan	191	287	85	181	281	70	89	144	30
Sikkim	177	254	89	142	224	49	73	128	13
Tamil Nadu	395	518	269	364	516	211	208	316	100
Tripura	310	402	212	243	353	124	155	223	80
Uttar Pradesh	217	315	106	207	319	83	108	174	36
West Bengal	332	428	224	345	466	203	240	342	122
Union Territory:									
A. & N. Islands	436	516	311	401	488	245	258	342	123
Arunachal Pradesh	113	178	37	479(*)	534(*)	241(*)	..	..	..
Chandigarh	616	670	543	551	626	431	..	..	..
D. & N. Haveli	150	222	78	116	177	50	40	61	17
Delhi	566	637	477	620	704	509	384	430	323
Goa, Daman and Diu	448	543	351	349	446	260	229	295	170
Lakshadweep	437	565	306	272	420	128	152	256	53
Pondicherry	460	573	346	437	589	287	..	..	..

(3) Excludes population in age group 0-4.

(a) Excluding Jammu &amp; Kashmir, Pondicherry and North-East Frontier Agency (NEFA).

(\*) Excludes population of that portion of NEFA where All India Census Schedule was not canvassed.

Note: Literacy rates for 1951, 1961 and 1971 are not comparable with 1981 census as these rates have been worked out on the then jurisdiction which was in existence.

## ***NEWSPAPERS AND PERIODICALS***

**T**his section presents information in respect of newspapers and periodicals which is based on the data collected under the authority of the Press and Registration of Books Act and are available in the Annual Report of the Registrar of Newspapers for India namely "Press in India". The definitions of the terms used in the tables in this section are given below:

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Newspaper . . . . .	Newspaper means any printed (including cyclostyled) periodical work containing public news or comments on public news.
Periodical . . . . .	A newspaper appearing at an interval of a week or more.
Other Periodical . . . . .	Periodicals other than daily, tri-weekly, bi-weekly, weekly, fortnightly, monthly, quarterly and annual.
Periodicity . . . . .	Time gap between two issues of newspaper (daily, weekly, fortnightly, monthly, etc.)
Daily . . . . .	A newspaper issued at least four times a week.
Circulation . . . . .	Average number of copies sold and distributed free per publishing day.
Other languages . . . . .	Languages other than the printed languages included in the 8th Schedule of the Constitution of India and English.

## NEWSPAPERS AND PERIODICALS

Table 223A-NUMBER OF NEWSPAPERS AND PERIODICALS BY LANGUAGE &amp; PERIODICITY

Year/Language State/U.T.	Dailies	Tri/bi- weeklies	Weeklies	Fortni- ghtlies	Month- lies	Quarte- rlies	Annuals	Other Pe- riodicals	Total
1	2	3	4	5	6	7	8	9	10
1971	821	68	3,608	1,420	4,583	1,101	166	451	12,218
1976	875	74	3,801	1,566	4,993	1,320	156	535	13,320
1978	992	81	4,654	1,977	5,739	1,541	182	648	15,814
1979	1,087	86	5,023	2,180	6,162	1,696	208	726	17,168
1980	1,173	93	5,280	2,374	6,450	1,779	217	774	18,140
1981	1,264	98	5,624	2,555	6,729	1,859	230	785	19,144
1982	1,334	103	5,898	2,688	6,951	1,922	237	804	19,937
1983	1,423	108	6,122	2,817	7,232	1,979	244	833	20,758
1984	1,609	111	6,469	2,966	7,487	2,022	248	872	21,784
1985(P)	1,805	111	6,769	3,095	7,677	2,062	247	885	22,648
1985									
Languages:									
Hindi	672	26	3,101	1,119	1,545	263	18	87	6,831
English	149	16	446	368	1,676	854	106	444	4,059
Assamese	3	2	29	17	25	8	-	6	90
Bengali	54	10	440	300	503	292	6	97	1,702
Gujarati	42	4	183	99	336	41	8	24	737
Kannada	101	3	191	126	274	31	2	10	738
Kashmiri	-	-	1	-	-	-	-	-	1
Malayalam	122	-	127	113	489	25	5	12	893
Marathi	142	14	388	112	362	71	64	31	1,184
Oriya	19	-	45	37	157	50	4	13	325
Punjabi	31	1	197	40	177	22	-	15	483
Sanskrit	2	-	4	1	11	10	-	2	30
Sindhi	7	-	22	8	30	3	-	1	71
Tamil	127	4	148	162	467	18	1	5	932
Telugu	45	2	171	107	280	16	-	5	626
Urdu	202	9	757	213	337	30	2	12	1,562
Bilingual	32	14	385	204	746	224	25	85	1,715
Multilingual	9	2	67	37	165	48	6	24	358
Others	43	4	67	32	97	56	-	12	311

Source: Registrar of Newspapers for India,  
Ministry of Information and Broadcasting

Note: Figures as at the end of December.



## NEWSPAPERS AND PERIODICALS

Table 223B-NUMBER OF NEWSPAPERS AND PERIODICALS BY STATE &amp; PERIODICITY

Year/Language State/U.T.	Dailies	Tri/bi- weeklies	Weeklies	Fortni- ghtlies	Month- lies	Other Pe- riodicals (1)	Total
1	2	3	4	5	6	7	8
1985							
State:							
Andhra Pradesh	87	3	447	213	401	88	1,239
Assam	10	5	82	29	52	28	206
Bihar	173	4	436	98	149	52	912
Gujarat	42	2	185	92	294	76	691
Haryana	16	-	163	127	105	38	449
Himachal Pradesh	2	-	28	11	31	16	88
Jammu & Kashmir	38	2	128	16	21	7	212
Karnataka	139	4	270	175	420	120	1,128
Kerala	125	1	147	127	618	112	1,130
Madhya Pradesh	135	8	529	76	145	49	942
Maharashtra	198	24	696	249	1,010	571	2,748
Manipur	34	3	9	10	26	17	99
Meghalaya	1	4	28	4	12	8	57
Nagaland	-	-	5	-	-	2	7
Orissa	24	-	55	39	174	101	393
Punjab	45	1	258	97	235	60	696
Rajasthan	145	2	497	353	212	86	1,295
Sikkim	..	..	..	..	..	..	..
Tamil Nadu	132	6	169	192	711	149	1,359
Tripura	14	1	43	4	8	2	72
Uttar Pradesh	250	19	1,578	378	752	232	3,209
West Bengal	79	9	525	396	788	634	2,431
Union Territory:							
A. & N. Islands	1	-	11	1	5	4	22
Arunachal Pradesh	-	-	-	-	-	-	-
Chandigarh	15	-	38	18	68	51	190
D. & N. Haveli	-	-	1	-	-	-	1
Delhi	67	8	403	371	1,395	651	2,895
Goa, Daman & Diu	9	-	11	9	23	14	66
Lakshadweep	-	-	-	-	-	-	-
Mizoram	20	4	19	6	2	6	57
Pondicherry	1	1	8	4	20	20	54

Source: Registrar of Newspapers for India,  
Ministry of Information and Broadcasting

(1) Statewise break up for Monthlies and quarterlies are not separately available and their figures are included under 'Other Periodicals' in column 9.

Note: Figures as at the end of December.

## NEWSPAPERS AND PERIODICALS

Table 224-NUMBER OF NEWSPAPERS AND PERIODICALS BY LANGUAGE

Year/State/ Union Territory	Hindi	English	Assam- ese	Bengali	Gujar- ati	Kannada	Kashmiri	Malay- alam	Marathi	Oriya
1	2	3	4	5	6	7	8	9	10	11
1978	4,196	3,085	53	1,138	634	473	1	609	913	168
1979	4,610	3,288	58	1,259	674	556	1	697	984	205
1980	4,946	3,440	64	1,376	688	592	1	719	1,047	240
1981	5,329	3,583	71	1,463	696	611	1	766	1,098	255
1982	5,655	3,689	76	1,537	725	625	1	802	1,126	271
1983	5,936	3,840	84	1,582	729	655	1	840	1,131	299
1984	6,370	3,961	87	1,662	735	687	1	876	1,168	312
1985	6,831	4,059	90	1,702	737	738	1	893	1,184	325
1985 State:										
Andhra Pradesh	21	195	-	1	2	1	-	2	1	1
Assam	6	24	85	55	-	-	-	-	-	-
Bihar	658	77	1	4	-	-	-	-	-	-
Gujarat	10	54	-	-	568	-	-	-	1	-
Haryana	322	43	-	-	-	-	-	-	-	-
Himachal Pradesh	52	11	-	-	-	-	-	-	-	-
Jammu & Kashmir	9	35	-	-	-	-	1	-	-	-
Karnataka	16	197	-	-	-	712	-	6	14	-
Kerala	3	107	-	-	2	1	-	860	-	-
Madhya Pradesh	834	32	-	-	-	-	-	-	1	-
Maharashtra	201	768	-	3	148	12	-	10	1,141	-
Manipur	-	14	-	-	-	-	-	-	-	-
Meghalaya	-	12	-	-	-	-	-	-	-	-
Nagaland	-	6	-	-	-	-	-	-	-	-
Orissa	3	42	-	-	-	-	-	-	-	304
Punjab	97	81	-	-	-	-	-	-	-	-
Rajasthan	1,100	45	-	-	-	-	-	-	-	-
Sikkim	..	..	..	..	..	..	..	..	..	..
Tamil Nadu	10	292	1	3	2	9	-	7	2	1
Tripura	-	8	-	54	-	-	-	-	-	-
Uttar Pradesh	2,369	241	-	5	3	-	-	-	-	1
West Bengal	157	419	2	1,564	6	-	-	2	-	11
Union Territory:										
A. & N. Islands	6	10	-	-	-	-	-	-	-	-
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	-
Chandigarh	37	83	-	-	-	-	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-	-	-	-	-
Delhi	918	1,229	1	12	4	1	-	6	5	4
Goa, Daman & Diu	-	15	-	-	-	1	-	-	17	-
Lakshadweep	-	-	-	-	-	-	-	-	-	-
Mizoram	-	2	-	-	-	-	-	-	-	-
Pondicherry	2	17	-	1	2	1	-	-	2	3

Source: Registrar of Newspapers for India,  
Ministry of Information and Broadcasting

Note: Figures as at the end of December.

## NEWSPAPERS AND PERIODICALS

Table 224-NUMBER OF NEWSPAPERS AND PERIODICALS BY LANGUAGE-contd.

Year/State/ Union Territory	Punjabi	Sansk- rit	Sindhi	Tamil	Telugu	Urdu	Bi- lingual	Multi- lingual	Others	Total
1	12	13	14	15	16	17	18	19	20	21
1978	349	27	62	703	483	1,130	1,278	304	208	15,814
1979	375	29	63	755	503	1,180	1,362	335	234	17,168
1980	384	29	62	771	520	1,234	1,428	339	260	18,140
1981	407	30	62	804	546	1,299	1,506	350	267	19,144
1982	433	31	62	820	553	1,330	1,564	350	287	19,937
1983	452	31	65	857	583	1,378	1,641	355	299	20,758
1984	473	31	69	892	607	1,482	1,692	360	309	21,784
1985	483	30	71	932	626	1,562	1,715	358	311	22,648
1985 State:										
Andhra Pradesh	-	-	1	-	563	325	110	15	1	1,239
Assam	-	-	-	-	-	-	16	2	18	206
Bihar	2	1	-	-	-	125	16	9	19	912
Gujarat	-	-	11	-	-	1	28	18	-	691
Haryana	10	-	-	-	-	15	50	9	-	449
Himachal Pradesh	2	1	-	-	-	4	18	-	-	88
Jammu & Kashmir	2	-	-	-	-	149	13	1	2	212
Karnataka	-	1	-	20	3	51	86	13	9	1,128
Kerala	-	-	-	7	-	-	133	17	-	1,130
Madhya Pradesh	-	1	7	-	-	13	48	4	2	942
Maharashtra	7	5	30	12	9	134	194	69	5	2,748
Manipur	-	-	-	-	-	-	24	8	53	99
Meghalaya	-	-	-	-	-	-	11	1	33	57
Nagaland	-	-	-	-	-	-	-	-	1	7
Orissa	-	1	-	-	-	2	33	7	1	393
Punjab	325	1	-	-	-	104	57	31	-	696
Rajasthan	-	2	13	-	-	14	95	18	8	1,295
Sikkim	..	..	..	..	..	..	..	..	..	..
Tamil Nadu	2	1	-	868	44	9	89	19	1	1,359
Tripura	-	-	-	-	-	-	7	1	2	72
Uttar Pradesh	6	11	5	-	1	309	230	17	11	3,209
West Bengal	6	3	-	1	1	60	113	31	55	2,431
Union Territory:										
A. & N. Islands	-	-	-	5	-	-	1	-	-	22
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	-
Chandigarh	29	-	-	-	-	4	26	11	-	190
D. & N. Haveli	..	-	-	-	-	-	1	-	-	1
Delhi	92	2	4	5	2	243	294	49	24	2,895
Goa, Daman & Diu	-	-	-	-	1	-	12	5	15	66
Lakshadweep	-	-	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	6	1	48	57
Pondicherry	-	-	-	14	2	-	5	2	3	54

Note: Figures as at the end of December.

## NEWSPAPERS AND PERIODICALS

Table 225-CIRCULATION OF NEWSPAPERS

('000)

Year/Language	Dailies	Tri/bi-weeklies	Weeklies	Fortnightlies	Monthlies	Quarterlies	Annals	Other Periodicities	Total
1	2	3	4	5	6	7	8	9	10
1978	11,242	142	11,413	3,465	12,456	1,296	380	454	40,150
1979	13,033	196	12,924	4,499	13,428	1,458	418	493	46,449
1980	14,531	246	14,303	4,989	14,792	1,241	357	462	50,921
1981	15,255	142	15,320	4,627	14,061	1,022	245	430	51,102
1982	14,847	190	14,387	4,712	13,960	1,109	407	482	50,094
1983	16,731	218	15,372	4,955	15,807	1,374	399	535	55,391
1984	18,727	240	18,078	5,645	16,083	1,379	424	571	61,147
1985	19,804	146	19,228	5,730	14,721	1,435	387	530	61,381
1985	Language:								
Hindi	6,269	48	5,586	1,540	4,023	119	3	44	17,632
English	3,283	2	1,470	1,212	3,399	793	138	312	10,609
Assamese	125	-	110	42	66	-	-	2	345
Bengali	1,202	8	1,095	472	636	133	-	31	3,577
Gujarati	1,253	40	961	214	491	16	-	24	2,999
Kannada	632	3	878	55	706	33	37	5	2,349
Kashmiri	-	-	-	-	-	-	-	-	-
Malayalam	1,821	-	4,131	842	1,248	7	5	16	8,070
Marathi	1,510	7	520	185	655	25	200	16	3,118
Oriya	384	-	128	23	374	27	2	9	947
Punjabi	320	-	532	35	424	6	-	-	1,317
Sanskrit	2	-	5	-	2	1	-	-	10
Sindhi	50	-	18	5	12	-	-	-	85
Tamil	1,121	-	1,440	562	991	6	-	-	4,120
Telugu	607	-	783	335	655	13	-	-	2,393
Urdu	1,157	28	1,126	124	296	50	-	-	2,781
Bilingual	24	7	338	70	536	164	-	59	1,198
Multilingual	-	1	53	6	117	22	2	10	211
Others	44	2	54	8	90	20	-	2	220

Source: Registrar of Newspapers for India,  
Ministry of Information and Broadcasting

## ***PUBLIC HEALTH STATISTICS***

**A**vailable information concerning public health statistics in India, is shown in the tables under this section. Data in greater detail are published by Ministry of Health and Family Welfare, Government of India and the various state authorities in the form of periodical reports. The information relates to all the Indian Union, unless otherwise specified. The figures for the latest available year are shown in greater detail. Corresponding figures for the earlier years are shown in totals only.

Table 226

This table shows the number of hospitals and dispensaries and the number of beds available.

Table 227

This table gives the actual number of medical practitioners in 'Allopathy', registered with the 'Medical Councils' in the states. Information relating to states, where there are no 'Medical Councils', has not been included.

Table 228

This table gives the actual number of nursing personnel registered with 'Nursing Councils or Boards' according to different categories.

Table 229

Data concerning number of mental hospitals, beds, patients admitted and discharged, etc (state-wise) are shown in this table. For the column on patients discharged, only total number is given and the break-up by cured and otherwise is not shown.

Table 230

The figures of Family Welfare Statistics, given in the table are based on the information received from the various States/Union Territories and as compiled by the Department of Family Welfare. While working out the rates per thousand population by methods, the population has been estimated in the light of 1961 and 1971 census for the year 1965-66 and 1970-71. From 1975-76 onwards, estimates of population were arrived at by taking into account 1971 and 1981 census figures.

Number of conventional contraceptive users is worked out by dividing the off-take of contraceptives by the average number necessary for a couple for use in any year (Condoms: 72, Diaphragms: 2, Jelly/Cream Tubes: 7 (3 in case of Delfin Cream tube of increased capacity and efficacy i.e 100 gms with a dosage of 2.5ml. for one year 1987-88) and Foam Tablets 72-Oral Pills: 13 cycles.

## PUBLIC HEALTH STATISTICS

Table 226-NUMBER OF HOSPITALS, DISPENSARIES AND BEDS

Year/State	Number of Hospitals	Number of Dispensaries	Number of beds ( '000)
1	2	3	4
1951	2,694	6,515	117
1956	3,307	7,194	157
1961	3,094 (a)	9,406	230
1966	3,727	8,414	304
1971	3,858	9,087	359
1976	5,025	12,274	487
1981	6,804	16,751	569
1985	7,474	25,584	657
1986	8,067	26,943	695
1987	9,834	27,728	719
1987			
State:			
Andhra Pradesh(1-1-1986)	615	793	42
Arunachal Pradesh	14	34	1
Assam	139	395	15
Bihar	298	266	36
Goa	97	608	4
Gujarat	1,424	4,303	48
Haryana	79	135	10
Himachal Pradesh	65	219	7
Jammu & Kashmir	56	633	9
Karnataka	249	1,379	40
Kerala	2,053	2,098	79
Madhya Pradesh	346	414	27
Maharashtra	1,881	9,135	125
Manipur	20	52	2
Meghalaya(1-1-85)	13	58	2
Mizoram	9	22	1
Nagaland	33	68	1
Orissa	295	259	15
Punjab(1-4-87)	268	1,743	23
Rajasthan	247	1,207	27
Sikkim	5	120	1
Tamil Nadu	363	498	55
Tripura	22	313	2
Uttar Pradesh(1-1-1986)	735	1,750	58
West Bengal	412	551	65
Union Territory:			
Andaman & Nicobar Islands	11	27	1
Chandigarh	3	33	2
Dadra & Nagar Haveli	1	5	-
Delhi	67	567	18
Daman & Diu	2	9	-
Lakshadweep	2	-	-
Pondicherry	10	34	3

Source: Directorate General of Health Services,  
Ministry of Health and Family Welfare

(a) Excludes figure for the State of Gujarat and Bihar

## Notes:

1. The information is provisional and is based on reported Hospitals/States only.
2. Totals may not tally due to rounding off of figures.

## PUBLIC HEALTH STATISTICS

Table 227-REGISTERED MEDICAL PRACTITIONERS

(at the end of the period)

Year/State Medical Council		Graduates	Licentiates	Total
1		2	3	4
1951	. . . . .	23,812	37,668	61,480
1956	. . . . .	34,017	39,131	76,104 (a)
1961	. . . . .	48,020	32,064	80,084
1966	. . . . .	67,269	35,915	103,184
1971	. . . . .	111,142	37,381	148,523
1976	. . . . .	..	..	210,504 (b)
1981	. . . . .	231,337	37,370	268,707
1985	. . . . .	251,212	32,492	283,704
1986	. . . . .	259,413	35,711	295,124
1987(c)(P)	. . . . .	190,246	27,796	218,042
1987				
State Medical Council				
1.Andhra	. . . . .	17,108	-	17,108
2.Hyderabad	. . . . .	..	..	..
3.Assam	. . . . .	7,420	1,729	9,149
4.Bihar	. . . . .	19,851	3,599	23,450
5.Bhopal	. . . . .	336	2	338
6.Gujarat	. . . . .	17,406	1,767	19,173
7.Haryana	. . . . .	18	-	18
8.Jammu & Kashmir	. . . . .	3,504	118	3,622
9.Karnataka	. . . . .	..	..	..
10.Maharashtra	. . . . .	..	..	..
11.Orissa	. . . . .	8,896	970	9,866
12.Punjab	. . . . .	..	..	..
13.Rajasthan	. . . . .	11,255	358	11,613
14.Tamil Nadu	. . . . .	36,400	3,623	40,023
15.Travancore	. . . . .	14,996	572	15,568
16.Uttar Pradesh	. . . . .	26,812	2,564	29,376
17.West Bengal	. . . . .	26,244	12,494	38,738

Source: Medical Council of India

(a) Includes 2,956 persons for whom educational breakup is not available.

(b) Breakup into graduates and licentiates is not available.

(c) Information in respect of Hyderabad, Karnataka, Maharashtra and Punjab medical councils is not available.

## PUBLIC HEALTH STATISTICS

Table 228-TOTAL NUMBER OF REGISTERED NURSING PERSONNEL

(at the end of the period)

Year/State	Nurses	Midwives	Health visitors	Auxiliary nurse midwives
1	2	3	4	5
1951	16,550	19,281	578	..
1956	24,724	28,080	836	393
1961	35,584	41,575	1,690	3,387
1966	57,621	62,537	3,108	15,988
1971	80,620	80,159	4,553	28,464
1976	113,455	111,845	6,929	50,826
1981	150,389	144,820	9,486	73,161
1985	197,735	171,590	12,411	98,543
1986	207,430	185,240	13,248	108,511
1987	207,783	172,162	12,585	110,190
1987				
State:				
Andhra Pradesh	15,258	12,973	1,193	10,149
Assam	..	..	..	..
Bihar	..	..	..	..
Gujarat	6,880	6,306	586	3,848
Haryana	2,911	1,245	162	3,062
Himachal Pradesh	..	..	..	..
Karnataka	9,642	7,925	3,055	16,953
Kerala	40,018	18,609	315	4,678
Madhya Pradesh	11,020	10,504	574	12,101
Maharashtra	36,088	33,283	545	10,352
Orissa	4,204	3,397	110	138
Punjab	20,905	17,752	1,800	8,054
Rajasthan	7,709	3,583	322	9,906
Tamil Nadu	30,404	34,035	800	5,563
Uttar Pradesh	10,191	11,510	2,734	10,971
West Bengal	12,553	11,040	389	14,415

Source: Directorate General of Health Services,  
Ministry of Health and Family Welfare



## PUBLIC HEALTH STATISTICS

Table 229-STATISTICS OF MENTAL HOSPITALS

Year/State	Number of mental hospitals	Number of beds available	Number of patients admitted during the year	Number of patients discharged during the year	Number of patients died during the year	Expenditure incurred (Rs. '000)
1	2	3	4	5	6	7
1951	30	8,807	5,837	3,951	471	9,958
1956	31	10,148	11,668	8,207	604	11,147
1961	35	13,998	21,641	17,410	1,286	13,962
1966	38	17,540	29,733	24,946	1,332	..
1971	38	14,848	32,064	30,930	1,113	34,274
1976	39	19,114	39,848	39,301	1,109	..
1981	46	20,559	49,195	48,353	931	..
1985	45	20,661	51,280	50,768	787	..
1986	45	20,674	54,759	53,169	922	..
1987	45	20,742	54,762	52,392	851	..
1987						
State:						
Andhra Pradesh	2 (1)	900	1,447	1,385	9	..
Assam	1 (1)	750	1,052	1,177	18	..
Bihar	3 (2)	2,473	8,440	7,971	91	..
Goa	1 (1)	284	2,036	2,023	9	..
Gujarat	6 (4)	1,063	564	570	38	..
Jammu & Kashmir	2 (1)	180	800	792	1	..
Karnataka	2 (2)	1,180	5,003	5,003	36	..
Kerala	3 (3)	1,381	9,640	9,738	52	..
Madhya Pradesh	2 (2)	387	835	807	31	..
Maharashtra	5 (4)	5,875	11,490	10,808	385	..
Nagaland	1 (1)	25	47	44	-	..
Orissa	1 (1)	60	1,184	1,187	1	..
Punjab	1 (1)	811	321	293	39	..
Rajasthan	2 (2)	410	5,591	4,414	10	..
Tamil Nadu	1 (1)	1,800	3,272	3,138	73	..
Uttar Pradesh	4 (4)	1,499	2,059	2,110	40	..
West Bengal	7 (2)	1,060	981	932	18	..
Union Territory:						
Delhi	1 (-)	604	..	..	..	..

Source: Directorate General of Health Services,  
Ministry of Health and Family Welfare

Note: 1. The information is provisional and is based on reported hospitals only.

2. Figures in brackets in col (2) indicate the number of reporting hospitals.

## PUBLIC HEALTH STATISTICS

Table 230-FAMILY WELFARE PROGRAMME

Year/State/ Union Territory	Progress of Sterilisation Programme and IUD Programme						No. of conventional contraceptive users during the year	
	Number of sterilisa- tions during the year	Cumulative number of sterilisations since inception of the programme		Number of IUD insertions during the year	Cumulative number of IUD insertions since inception of the programme		Number	Rate per 1,000 popu- lation
		Number	Rate per 1,000 population		Number	Rate per 1,000 population		
1	2	3	4	5	6	7	8	9
1965-66	670,823(a)	1,525,843	3.2	812,713(a)	812,713	1.7	582,141 (a)	-
1970-71	1,329,914	8,669,871	15.8	475,848	3,804,723	6.9	1,962,725	3.6
1975-76	2,668,754	18,944,078	30.9	606,638	6,058,577	9.9	3,527,606 (b)	5.8
1980-81	2,052,770	33,468,621	48.8	627,650	8,778,667	12.8	3,808,936	5.5
1982-83	3,983,189	40,244,184	56.4	1,096,671	10,625,877	14.9	5,948,102	8.3
1983-84	4,532,222	44,776,406	61.5	2,134,102	12,759,979	17.5	8,389,909	11.5
1984-85	4,084,583	48,860,989	65.9	2,562,408	15,322,387	20.7	9,795,505	13.2
1985-86	4,901,609	53,762,598	71.2	3,273,860	18,596,247	24.6	10,744,180	14.2
1986-87	5,043,185	58,805,783	74.9	3,934,685	22,530,932	28.7	11,653,648	14.8
1987-88	4,938,937	63,744,720	80.4	4,355,953	26,886,885	33.9	13,390,187	16.9
1987-88								
State:								
Andhra Pradesh	457,489	6,227,894	101.9	173,974	906,927	14.8	532,282	8.7
Arunachal Pradesh	944	5,157	7.1	1,902	11,641	16.0	1,328	1.8
Assam	78,274	1,336,480	57.1	21,079	336,909	14.4	36,793	1.6
Bihar	510,085	4,549,000	56.0	206,360	1,203,425	14.8	117,685	1.4
Goa	4,457	59,460	50.0	3,162	19,663	16.5	12,415	10.4
Gujarat	277,062	4,169,384	106.6	318,661	1,763,575	45.1	685,320	17.5
Haryana	77,603	1,244,663	80.1	182,573	1,443,955	92.9	614,510	39.5
Himachal Pradesh	31,576	433,477	89.0	31,355	220,926	45.3	49,683	10.2
Jammu & Kashmir	25,669	310,530	44.3	12,709	165,516	23.6	12,708	1.8
Karnataka	319,763	3,665,530	85.2	189,765	1,405,967	32.7	281,266	6.5
Kerala	195,298	2,794,294	97.0	85,530	757,624	26.3	197,992	6.9
Madhya Pradesh	318,311	4,971,043	81.9	233,544	1,489,073	24.5	823,966	13.6
Mizoram	3,565	25,450	39.4	3,192	12,782	19.8	2,341	3.6
Maharashtra	460,612	9,107,339	126.2	393,732	3,204,162	44.4	976,453	13.5
Manipur	4,711	52,686	31.2	6,158	51,067	30.2	1,733	1.0
Meghalaya	558	17,391	10.7	1,208	13,045	8.1	3,836	2.4
Nagaland	548	4,189	4.1	493	3,734	3.6	130	0.1
Orissa	146,982	2,662,724	89.0	114,086	904,385	30.2	241,158	8.1
Punjab	149,030	1,557,802	81.5	348,826	2,324,367	121.6	559,356	29.3
Rajasthan	194,479	2,323,209	56.1	140,055	781,409	18.9	342,204	8.3
Sikkim	861	6,079	14.9	1,017	8,979	22.0	1,287	3.1
Tamil Nadu	511,744	6,297,595	116.1	493,770	1,729,036	31.9	462,187	8.5
Tripura	5,945	81,938	33.7	1,529	12,081	5.0	5,290	2.2
Uttar Pradesh	751,670	5,755,755	44.8	1,197,824	6,281,531	48.9	1,115,970	8.7
West Bengal	324,575	4,622,248	73.8	94,994	855,591	13.7	278,816	4.5
Union Territory:								
A & N Islands	1,522	13,276	50.8	1,227	9,475	36.2	1,285	4.9
Chandigarh	3,708	36,669	55.8	6,186	68,617	104.5	8,147	12.4
D. & N. Haveli	1,905	12,195	98.1	160	900	7.2	585	4.7
Delhi	28,971	498,091	60.2	64,246	587,612	71.0	239,559	28.9
Daman & Diu	417	2,497	26.7	99	464	5.0	313	3.3
Lakshadweep	25	811	18.1	86	549	12.3	207	4.6
Pondicherry	5,727	83,211	117.6	3,491	43,308	61.2	9,362	13.2
Ministry of Defence	22,192	344,177	-	12,156	139,563	-	52,917	-
Ministry of Railways	22,659	472,476	-	10,804	129,027	-	285,985	-
Commercial distribution	-	-	-	-	-	-	5,435,118 (c)	-

Source: Department of Family Welfare, Ministry of Health and Family Welfare

(a) January 1965 to March 1966.

(b) Relates to conventional contraceptive users and oral pill-Users from 1975-76 onwards.

(c) Includes 720556 c.c. users under full cost commercial sales of condoms.

*HOUSING*

This section contains information on housing in India. Tables 231, 232 and 236 are based on data collected in the National Buildings Organisation, Ministry of Urban Development. Table 233 is based on National Sample Survey, 22nd round (July 1967-June 1968), Report No. 171 and 23rd round (July 1968-June 1969), Table 235 is based on NSS 18th round (February '63-Jan. '64), Report No.170 and 15th round (July 1959-June 1960) and Report No.146 issued by the Department of Statistics, Government of India. Table 234 is based on data collected at the house listing operation of the Population Census of India 1971 and National Sample Survey 19th round (July 1964-June 1965) Report No.195.

Table 231A and 231B

These tables give data on 'Investment in residential and non-residential buildings' during 1980-81 by various Central and State Public Sector agencies including Public Undertakings for each State and Union Territory.

The data relate to 50 Divisions out of 77 construction divisions of C.P.W.D., Central Public Sector Undertakings including nationalised banks, RBI and Port Trusts, etc. 2 manufacturing units and 6 zonal railways. The coverage in M.E.S. was about 4/5th and in P & T about 37%. In regard to State sector, data relate to 12 states and 2 Union Territories, whose coverage is too, not full.

Railways and some other Central agencies do not provide statewise break-up of the investment on construction and, therefore, the total investment by these agencies shown separately under the head 'Buildings by other agencies'.

Table 232

The table presents for each State and Union Territory the construction of dwellings of different types 'completed' during 1980-81 and 'in progress' at the end of 1980-81 for various Central and State Public Sector agencies including Public Undertakings. The coverage of data is the same as in table 231A and 231B.

Table 233

The table presents for each State and Union Territory the construction rate of estimated number of pucca houses completed per thousand of rural population according to size of the village.

A pucca house is one whose walls and roof are at least made either of oven-burnt bricks, stone, cement, concrete or timber. Tiles, galvanised iron and/or asbestos cement used in the construction of roof were regarded as pucca material. In some states, such materials as cement plastered reeds, called jack board are used for construction of wall, roof etc. These materials were also regarded as pucca materials.

The table is based on data collected by the National Sample Survey Organisation in its 22nd and 23rd round in NBO's sponsored scheme on 'Survey of dwellings in rural areas'.

Table 234

The table provides number and average size of households, number of dwellings, number of room per household, distribution of households according to the size of dwellings and number of persons per room.

This table is based on 20% sample of data collected at the house listing operation of 1971 census. The density of occupation is based on the National Sample Survey Report No.195 (July '64-June'65).

Table 235

The table gives data about housing condition and amenities available to urban and rural house hold and condition of structure, age of structure, facilities of piped water, electricity, bathroom and toilet. The table is based on data collected by National Sample Survey in fifteenth and eighteenth rounds for age of structure and bathroom facilities and 28th round for other.

Table 236

The table indicates number of building permits and completion certificates issued in municipal areas in private sector. The series have been built up from 1961 onwards. For the years 1961 and 1966 data relate to private construction in municipal towns with population of 75,000 and above as per 1961 census. From 1971 onwards, data relate to all municipal towns with population of 1,00,000 and above as per 1971 census. For the towns for which data were not available, the number of building permits/completion certificates issued have been estimated by applying the average rate of the last three years relating to the concerned state.

Table 237

The table indicates percentage share of classes of towns in Housing and Building projects completed in private sectors during 1980-81.

## HOUSING

Table 231A- INVESTMENT ON BUILDING PROJECTS COMPLETED BY VARIOUS CENTRAL AND STATE AGENCIES INCLUDING PUBLIC SECTOR UNDERTAKINGS DURING 1980-81

(Rs.lakhs)

State/Union Territory	Investment in buildings						
	Residential		Non-residential		Total		
	CPWD and PU	State and UT	CPWD and PU	State and UT	CPWD and PU	State and UT	Total
1	2	3	4	5	6	7	8
<b>State:</b>							
Andhra Pradesh	91.6	..	142.4	..	234.0	..	234.0
Assam	5.2	1.0	28.2	0.1	33.4	1.1	34.5
Bihar	74.0	2.1	48.2	13.0	122.2	15.1	137.3
Gujarat	9.8	102.4	14.6	204.5	24.4	306.9	331.3
Haryana	-	..	0.1	..	0.1	..	0.1
Himachal Pradesh	2.0	24.9	2.5	16.6	4.5	41.5	46.0
Jammu & Kashmir	10.6	..	12.9	..	23.5	..	23.5
Karnataka	10.8	6.8	190.2	51.0	201.0	57.8	258.8
Kerala	19.5	9.1	64.2	48.3	83.7	57.4	141.1
Madhya Pradesh	30.4	..	7.9	..	38.3	..	38.3
Maharashtra	42.7	37.4	242.2	73.3	284.9	116.7	401.6
Manipur	..	..	..	..	..	..	..
Meghalaya	3.4	..	4.9	..	8.3	..	8.3
Nagaland	..	0.7	..	0.6	..	1.3	1.3
Orissa	18.4	159.5	222.6	76.9	241.0	236.4	477.4
Punjab	0.4	..	18.5	..	18.9	..	18.9
Rajasthan	16.1	..	8.4	..	24.5	..	24.5
Sikkim	..	..	..	..	..	..	..
Tamil Nadu	91.0	276.7	59.7	384.7	150.7	661.4	812.1
Tripura	4.6	..	11.3	..	15.9	..	15.9
Uttar Pradesh	38.5	94.8	27.2	202.6	65.7	297.4	363.1
West Bengal	28.2	..	45.9	..	74.1	..	74.1
<b>Union territory:</b>							
A. & N. Islands	..	2.3	..	0.9	..	3.2	3.2
Arunachal Pradesh	11.9	..	9.1	..	21.0	..	21.0
Chandigarh	1.4	..	0.9	..	2.3	..	2.3
D & N Haveli	..	..	..	..	..	..	..
Delhi	..	552.4	10.9	123.0	10.9	675.4	686.3
Goa, Daman & Diu	4.2	..	8.4	..	12.6	..	12.6
Lakshadweep	..	..	..	..	..	..	..
Mizoram	..	..	..	..	..	..	..
Pondicherry	..	..	..	..	..	..	..
Buildings by other agencies	-	-	-	-	-	-	2,032.3*
Estimates for non-reporting	117.8	504.0	183.5	1,427.5	301.3	1,931.5	2,232.8
Total . . . . .	632.5	1,774.1	1,364.7	2,629.0	1,997.2	4,403.1	8,432.6

Source: National Buildings Organisation,  
Ministry of Urban Development

CPWD=Central Public Works Department.

PU=Public Undertakings.

UT=Union Territory.

\* Includes Rs. 1,034.2 lakhs on residential projects.

## HOUSING

Table 231B- INVESTMENT ON BUILDING PROJECTS UNDER EXECUTION BY VARIOUS CENTRAL AND STATE AGENCIES INCLUDING PUBLIC SECTOR UNDERTAKINGS DURING 1980-81

(Rs.lakhs)

State/Union Territory	Residential		Non-residential		Total		
	CPWD and PU	State and UT	CPWD and PU	State and UT	CPWD and PU	State and UT	Total
1	2	3	4	5	6	7	8
<b>State:</b>							
Andhra Pradesh	144.6	..	70.1	..	214.7	..	214.7
Assam	69.0	0.6	3.3	1.4	72.3	2.0	74.3
Bihar	257.2	12.3	27.8	37.1	285.0	49.4	334.4
Gujarat	27.8	1,700.7	59.6	1,011.9	87.4	2,712.6	2,800.0
Haryana	1.7	..	10.6	..	12.3	..	12.3
Himachal Pradesh	7.3	99.4	5.3	115.5	12.6	214.9	227.5
Jammu & Kashmir	33.0	..	14.3	..	47.3	..	47.3
Karnataka	51.7	70.9	140.9	245.9	192.6	316.8	509.4
Kerala	51.8	65.2	67.7	424.7	119.5	489.9	609.4
Madhya Pradesh	37.7	..	40.1	..	77.8	..	77.8
Maharashtra	389.2	366.3	146.1	653.6	535.3	1,019.9	1,555.2
Manipur	..	..	..	..	..	..	..
Meghalaya	7.2	..	3.3	..	10.5	..	10.5
Nagaland	..	145.2	..	201.9	..	347.1	347.1
Orissa	41.9	122.0	49.0	132.7	90.9	254.7	345.6
Punjab	7.7	4.2	186.7	4.3	194.4	8.5	202.9
Rajasthan	40.9	..	51.0	..	91.9	..	91.9
Sikkim	..	..	..	..	..	..	..
Tamil Nadu	13.1	1,269.1	276.7	807.6	289.8	2,076.7	2,366.5
Tripura	3.2	..	0.3	..	3.5	..	3.5
Uttar Pradesh	33.2	613.9	239.4	925.9	272.6	1,539.8	1,812.4
West Bengal	325.3	..	272.3	..	597.6	..	597.6
<b>Union Territory:</b>							
A. & N. Islands	..	30.1	..	17.4	..	47.5	47.5
Arunachal Pradesh	65.2	..	29.9	..	95.1	..	95.1
Chandigarh	12.9	..	1.5	..	14.4	..	14.4
D. & N. Haveli	..	..	..	..	..	..	..
Delhi	25.1	3,680.4	175.4	493.9	200.5	4,174.3	4,374.8
Goa, Daman & Diu	2.3	..	30.3	..	32.6	..	32.6
Lakshadweep	..	..	..	..	..	..	..
Mizoram	..	..	..	..	..	..	..
Pondicherry	..	..	..	..	..	..	..
Buildings by other agencies	-	-	-	-	-	-	7,597.6#
Estimates for non-reporting	471.2	2,940.5	473.1	6,382.9	944.3	9,323.4	10,267.7
<b>Total</b>	<b>2,120.2</b>	<b>11,120.8</b>	<b>2,374.7</b>	<b>11,456.8</b>	<b>4,494.9</b>	<b>22,577.5</b>	<b>34,670.0</b>

Source: National Buildings Organisation,  
Ministry of Urban Development

# Includes Rs.4,278.8 lakhs on residential projects.

## HOUSING

Table 232- NUMBER OF DWELLINGS OF DIFFERENT TYPES COMPLETED AND UNDER EXECUTION BY VARIOUS CENTRAL AND STATE PUBLIC SECTOR CONSTRUCTION AGENCIES DURING 1980-81

(number)

Place of Construction State/Union Territory	Dwellings completed					Dwellings under execution				
	One room	Two rooms	Three rooms	Four or more rooms	Total	One room	Two rooms	Three rooms	Four or more rooms	Total
1	2	3	4	5	6	7	8	9	10	11
State:										
Andhra Pradesh	24	672	112	10	818	234	738	80	8	1,060
Assam	2	498	358	173	1,031	266	1,033	365	1,182	2,846
Bihar	58	242	157	95	552	168	1,657	489	175	2,489
Gujarat	2,253	1,721	536	142	4,652	17,168	18,197	2,629	858	38,852
Haryana	..	..	..	..	..	8	2	-	1	11
Himachal Pradesh	44	89	82	26	241	247	665	146	177	1,235
Jammu & Kashmir	-	34	16	8	58	56	214	32	12	314
Karnataka	97	455	29	37	618	117	1,748	84	39	1,988
Kerala	10	168	25	23	226	319	1,000	443	156	1,918
Madhya Pradesh	436	582	45	16	1,079	10	350	65	3	428
Maharashtra	313	624	482	53	1,472	3,723	10,387	6,138	377	20,625
Manipur	..	..	..	..	..	..	..	..	..	..
Meghalaya	6	-	12	-	18	30	32	24	-	86
Nagaland	-	1	6	3	10	18	122	395	327	862
Orissa	84	1,007	87	69	1,247	198	342	117	42	699
Punjab	-	-	-	3	3	20	72	20	2	114
Rajasthan	36	110	47	46	239	15	313	6	18	352
Sikkim	..	..	..	..	..	..	..	..	..	..
Tamil Nadu	5,671	3,454	607	451	10,183	13,937	10,167	1,920	493	26,517
Tripura	36	48	35	5	124	40	48	40	-	128
Uttar Pradesh	1,136	567	150	196	2,049	4,797	2,046	1,373	739	8,955
West Bengal	158	926	18	16	1,118	974	1,721	1,453	101	4,249
Union Territory:										
A. & N. Islands	-	33	2	2	37	25	227	28	1	281
Arunachal Pradesh	42	54	26	22	144	235	218	54	20	527
Chandigarh	-	120	-	-	120	8	180	77	19	284
D. & N. Haveli	..	..	..	..	..	..	..	..	..	..
Delhi	5,861	2,937	2,055	176	11,029	2,734	10,841	7,532	2,553	23,660
Goa, Daman & Diu	16	26	26	4	72	36	24	24	-	84
Lakshadweep	..	..	..	..	..	..	..	..	..	..
Mizoram	..	..	..	..	..	..	..	..	..	..
Pondicherry	..	..	..	..	..	..	..	..	..	..
Buildings by other agencies	4,079	6,495	2,623	737	13,934	7,264	14,538	6,866	2,055	30,723
Estimates for non-reporting	6,398	4,737	1,794	554	13,483	22,144	29,978	11,400	2,944	66,466
Total . . . . .	26,760	25,600	9,330	2,867	64,557	74,791	106,860	41,800	12,302	235,753

Source: National Buildings Organisation,  
Ministry of Urban Development

## HOUSING

Table 233-CONSTRUCTION RATE OF ESTIMATED NUMBER OF PUGCA HOUSES COMPLETED  
PER THOUSAND OF RURAL POPULATION BY SIZE OF VILLAGE

State/ Union Territory	Construction rate of pucca houses per 1000 persons in village of size				Villages of all sizes
	0-499	500-999	1000-4999	5000 and above	
1	2	3	4	5	6
State:					
Andhra Pradesh	0.04	0.19	0.32	0.41	0.29
Assam(1)	0.11	0.17	0.27	..	0.18
Bihar	0.16	0.30	0.38	0.23	0.30
Gujarat	0.56	0.66	0.95	0.63	0.77
Haryana	3.99	0.98	1.27	1.97	1.39
Himachal Pradesh	0.51	0.09	..	..	0.18
Jammu & Kashmir	1.09	0.75	0.34	..	0.54
Karnataka	2.01	0.59	0.80	1.10	0.80
Kerala	4.64	1.35	0.91	1.38	1.08
Madhya Pradesh	0.69	0.25	0.46	2.22	0.39
Maharashtra	0.55	0.44	0.55	1.12	0.54
Manipur	..	..	0.01	0.66	0.02
Nagaland	..	..	..	..	..
Orissa	0.52	0.21	0.41	-	0.31
Punjab	2.81	1.15	1.43	1.19	1.37
Rajasthan	2.65	0.80	1.04	1.48	1.21
Tamil Nadu	3.20	0.40	0.90	1.92	1.08
Tripura	-	0.06	0.02	-	0.02
Uttar Pradesh	1.58	0.68	0.76	0.86	0.83
West Bengal	0.16	0.25	0.25	0.42	0.24
Union Territory:					
A. & N. Islands	..	..	..	..	..
Arunachal Pradesh	..	..	..	..	..
Chandigarh	9.10	5.08	4.20	..	4.20
D. & N. Haveli	..	..	..	..	..
Delhi	..	..	..	..	..
Goa, Daman & Diu	..	..	0.35	0.19	0.29
Lakshadweep	..	..	..	..	..
Pondicherry	..	0.13	2.56	..	1.37
All India . . .	0.95	0.48	0.65	1.01	0.63

Source: 1. National Sample Survey Organisation,  
Department of Statistics  
2. National Buildings Organisation,  
Ministry of Urban Development

(1) Including Meghalaya.

Note: Based on data collected by N.S.S.O. in its 22rd round (July 1967-June 1968) and 23rd round (July 1968-June 1969) in NBO's sponsored scheme on "survey of dwelling in rural areas".



## HOUSING

Table 234- NUMBER, SIZE AND DENSITY OF OCCUPATION OF HOUSEHOLDS AND DWELLINGS

"CENSUS-1971"

Region	Households		Occupied Dwellings				Percentage of households by Density* of Occupation					
	Numbers ( '000)	Average size (Persons per house- hold)	Dwelling Numbers ( '000)	Average size (rooms per house- hold)	Percentage of households with			Aver- age den- sity	Less than 1.5	1.5- 1.9	2.0- 2.9	3.0 or more
					1-2 rooms	3-4 room	5 rooms or more					
1	2	3	4	5	6	7	8	9	10	11	12	13
Urban	19,122	5.5	18,540	2.0	77.0	17.0	6.0	2.8	26.3	7.4	20.8	45.2
Rural	77,935	5.6	74,465	2.0	75.7	18.2	5.6	2.8	20.2	9.2	25.0	45.6
All-India	97,057	5.6	93,005	2.0	76.0	18.0	6.0	2.8	21.4	8.8	24.1	45.5

Sources: 1. Registrar General, India, Ministry of Home Affairs  
 2. National Buildings Organisation, Ministry of Urban Development  
 3. National Sample Survey Organisation, Ministry of Planning

\* Density- Persons per room.

## Notes:

1. Data in Col. 2-9 relate to all households and dwellings in 1971 census.
2. Cols. 5 to 8 exclude households with no. of rooms not stated.
3. Data in Cols. 2 to 9 are based on 20 per cent sample of data collected at houselisting operation of 1971 census and the density of occupation given in Cols. 10 to 13 is based on N.S.S. Report No. 195 (July 64- June 65).

## HOUSING

Table 235- CONDITION OF STRUCTURE AND FACILITIES AVAILABLE TO HOUSEHOLDS IN URBAN AND RURAL AREAS

Region	Estimated number of households in 1981 (in lakh)	Condition of structure							
		Percentage of households living in the			Percentage of households living in house buildings during the span of years				
		Pucca house	Semi pucca house	Kutch house	0-5	5-10	10-20	20-40	40 and above
1	2	3	4	5	6	7	8	9	10
Urban	291.00	64.52	19.64	15.84	31.30	10.00	16.80	21.90	20.00
Rural	935.00	18.42	32.41	49.17	15.90	14.60	23.30	21.20	25.00
All-India	1,226	28.12	29.72	42.17	18.90	13.70	22.10	21.30	24.00

Region	Percentage of households having						
	'Drinking water from tap and tubewell					Toilet	
	For the exclusive use of house-holds	Shared with other house-holds in the same building	For com-munity use	Electri-city	Bath room		
						Any type	Flush
1	11	12	13	14	15	16	17
Urban	18.14	19.69	31.96	53.48	33.10	66.81	20.08
Rural	1.51	0.70	8.87	6.55	7.90	6.99	0.48
All-India	5.01	4.70	13.73	16.43	12.90	19.58	4.61

Sources: 1. National Sample Survey Organisation, Department of Statistics  
2. National Buildings Organisation, Ministry of Urban Development

## Notes:

1. All India estimates in Cols. 2 to 5, 11 to 14, 16 and 17 are weighted averages; the weights being estimated number of households in rural and urban areas in 1974.
2. Cols. 6 to 10 and 15 refer to 15th & 18th rounds of N.S.S.O. Col. 15 includes those households which share bath room with other households. The remaining information refers to the 28th round of N.S.S.O(1973-74) as published in 'Sarvekshana' vol. 1, no. 2.

Table 236-ESTIMATED NUMBER OF BUILDING PERMITS AND COMPLETION CERTIFICATES ISSUED IN MAJOR TOWNS IN INDIA

A. Number of building permits issued('00)										
State/ Union Territory	1961	1966	1971	1976	1981	1983	1984	1985	1986	1987
1	2	3	4	5	6	7	8	9	10	11
Andhra Pradesh	64	69	62	65	98	94	93	108	109	130
Assam	2	6	5	5	9	7	7	8	7	8
Bihar	34	29	28	26	39	42	47	48	51	60
Gujarat	76	134	106	108	102	114	114	122	124	147
Haryana	..	4	3	2	5	23	28	32	37	42
Jammu & Kashmir	16	14	16	11	18	14	15	13	14	15
Karnataka	45	63	83	91	139	142	149	174	183	203
Kerala	58	61	53	73	109	97	122	135	146	152
Madhya Pradesh	61	50	91	47	80	99	106	118	140	150
Maharashtra	122	126	105	69	93	97	101	111	122	156
Manipur	..	..	2	..	..	..	..	..	..	..
Meghalaya	..	..	..	..	..	2	2	2	2	2
Orissa	8	5	4	6	6	13	13	14	18	16
Punjab(*)	42	44	38	27	41	30	40	54	69	70
Rajasthan	51	61	60	24	31	35	36	37	42	46
Tamil Nadu	97	77	102	37	97	149	149	152	195	216
Tripura	..	..	..	..	..	..	4	4	4	4
Uttar Pradesh	144	120	116	81	108	122	127	147	159	171
West Bengal	100	104	64	49	46	85	90	99	112	132
Chandigarh	..	11	10	10	12	12	..	2	24	26
Delhi	49	33	52	23	14	35	36	19	23	17
Total . . . . .	969	1,011	1,000	754	1,047	1,212	1,279	1,399	1,581	1,763

B. Number of completion certificates issued('00)										
State/ Union Territory:	1961	1966	1971	1976	1981	1983	1984	1985	1986	1987
1	2	3	4	5	6	7	8	9	10	11
Andhra Pradesh	47	46	45	53	80	72	75	85	87	98
Assam	2	2	2	2	4	3	3	3	3	3
Bihar	28	25	24	14	25	27	31	31	33	38
Gujarat	34	37	44	46	38	45	50	72	74	75
Haryana	..	2	2	2	-	16	15	19	23	26
Jammu & Kashmir	10	7	6	6	5	7	8	7	8	8
Karnataka	25	47	44	46	71	76	78	92	99	114
Kerala	39	34	35	52	50	70	101	108	115	116
Madhya Pradesh	51	22	19	22	35	57	59	55	70	72
Maharashtra	45	55	45	43	33	37	46	53	60	84
Manipur	..	..	1	..	..	..	..	..	..	..
Meghalaya	..	..	..	..	..	1	1	1	1	1
Orissa	7	4	4	12	7	16	17	17	22	20
Punjab(*)	23	30	21	8	19	21	24	25	49	35
Rajasthan	43	30	43	23	28	25	30	41	43	56
Tamil Nadu	61	46	54	39	79	135	135	155	162	204
Tripura	..	..	..	..	..	..	7	7	6	4
Uttar Pradesh	81	105	100	53	52	81	95	107	116	120
West Bengal	55	41	47	40	18	59	61	68	90	95
Chandigarh	..	7	6	5	5	5	..	1	10	11
Delhi	15	11	7	24	13	29	31	6	6	4
Total . . . . .	566	551	549	490	562	782	867	953	1,077	1,184

Source: National Buildings Organisation, Ministry of Urban Development

\* For 1961 to 1965, data for Haryana and Chandigarh are included in Punjab.

## Notes:

1. Upto the end of year 1970, data relate to private construction in municipal towns with population of 75,000 and above as per 1961 Census. From 1971, data pertain to all municipal towns with population of 1,00,000 and above as per 1971 Census.
2. There is no major town coming under the coverage given above in Himachal Pradesh, Meghalaya, Nagaland, Tripura, A. & N. Islands, Arunachal Pradesh, Dadra & Nagar Haveli, Goa, Daman & Diu, Lakshadweep, Mizoram and Pondicherry. Hence these States/Union Territories are not included in the above table.
3. Estimates are based on replies to a main questionnaire issued to the municipalities. In case of non-responding municipalities, estimates have been arrived at by applying the average rate for the last three years relating to the concerned state.

## HOUSING

Table 237- PERCENTAGE SHARE OF CLASSES OF TOWNS IN HOUSING AND BUILDING  
PROJECTS COMPLETED IN PRIVATE SECTOR DURING 1980-81

Serial number	Class of towns	Number of buildings completed	Floor area	Dwellings added
1	2	3	4	5
1. . . . .	I	54.9	75.5	72.3
2. . . . .	II	13.7	7.9	10.0
3. . . . .	III	16.9	5.9	9.2
4. . . . .	IV	7.5	7.1	4.1
5. . . . .	*	7.0	3.6	4.4
Total . . . . .		100.0	100.0	100.0

Source: National Buildings Organisation, Ministry of Urban Development

\* Unclassified.

Note: Percentages are worked out from estimates prepared on the basis of data received from some of the local bodies.

## *LOCAL BODIES*

The term 'Local Bodies' refers to such institutions of Government which carry on the local affairs viz., Corporations, Municipalities, Notified Area Committees, Town Area Committees, District Boards, Panchayats etc. This section, however, presents data regarding income and expenditure of municipal corporations only. The information has been supplied by the individual corporations.

Municipal Corporations are relatively the most developed form of local Self Government and have generally been established in metropolitan areas or big cities. By and large these have been constituted under specific legislative enactment. With growth of cities, corporations have been established in number of towns. They have wider powers and they enjoy more autonomy than the other local bodies. The chief executive authority of a corporation is the Commissioner who is independent of the elected body. The corporation elects its Mayor and Deputy Mayor out of the elected members.

Table 238

This table provides data regarding income of municipal corporations by financial resources, namely (a) tax revenue and (b) non-tax revenue. The tax revenue, by and large, consists of the taxes on:

- (i) Property
- (ii) Service
- (iii) Octroi
- (iv) Terminal
- (v) Trade & Callings
- (vi) Animals and Vehicles
- (vii) Toll
- (viii) Miscellaneous

The Non-tax revenue generally comprises the following items:

- (i) Government grants
- (ii) Rents from municipal properties
- (iii) Revenue from municipal utilities and undertakings
- (iv) Licence and various other fees including those from municipal institutions
- (v) Interest on municipal investments, and
- (vi) Fines.

Table 239

This table presents data about the expenditure of municipal corporations which generally comprises the following items:

- (i) General Administration & Collection of Revenue
- (ii) Public Health
- (iii) Safety and Convenience
- (iv) Education
- (v) Public Works
- (vi) Miscellaneous

Table 240

This table gives the number of panchayats, panchayat samities, zila parishads and villages covered under Panchayati Raj as on 31st March of the year stated. The rural population covered by these local bodies has also been shown.

## LOCAL BODIES

Table 238-INCOME OF CORPORATIONS

(Rs.'000)

State/Local Body	Andhra Pradesh-Hyderabad										
Year	1960-61	1965-66	1970-71	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	
Source of Income											
1	2	3	4	5	6	7	8	9	10	11	
I.Tax Revenue	10,874	18,077	30,619	46,906	39,060	60,048	82,372	68,912	81,571	111,214	
Property											
Service	4,893	7,409	15,054	21,826	13,528	24,955	41,063	30,045	39,638	51,099	
Octroi	2,501	4,481	3,592	4,192	4,191	4,191	4,191	4,191	4,191	4,191	
Terminal	-	-	-	-	-	-	-	-	-	-	
Trades & callings	216	231	271	414	515	689	971	920	2,000	1,560	
Animal & Vehicles	796	911	614	280	633	342	61	616	1,139	994	
Toll	44	..	112	-	-	-	-	-	-	223	
Miscellaneous	2,424	5,045	10,976	20,194	20,193	29,871	36,086	33,140	34,603	53,147	
II.Non-tax revenue	1,284	3,320	7,227	10,816	7,470	8,262	9,228	9,535	24,502	18,458	
III.Ordinary grants	309	309	427	329	181	189	235	246	373	892	
Total Ordinary Income	12,467	21,706	38,273	58,051	46,711	68,499	91,835	78,693	106,446	130,564	

State/Local Body		Bihar-Patna									
Year		1960-61	1965-66	1970-71	1975-76	1980-81	1982-83	1983-84	1984-85	1985-86	1986-87
Source of Income											
1	2	3	4	5	6	7	8	9	10	11	
I.Tax Revenue	3,510	4,319	..	2,798	4,132	6,429	6,723	6,137	6,646	10,325	
Property	-	-	-	-	-	-	-	-	-	-	
Service	3,213	3,899	..	2,042	3,378	4,194	5,127	4,645	5,487	9,178	
Octroi	-	-	-	-	-	-	-	-	-	-	
Terminal	-	-	-	-	-	-	-	-	-	-	
Trades & callings	189	292	..	12	49	972	316	510	422	400	
Animal & Vehicles	-	-	-	425	360	455	554	622	508	538	
Toll	-	-	-	-	-	-	-	-	-	-	
Miscellaneous	108	128	..	319	345	808	726	360	229	209	
II.Non-tax revenue	164	239	..	808	834	525	1,053	2,415	1,800	2,122	
III.Ordinary grants	4,595	5,363	..	21,310	14,311	5,254	13,917	20,212	6,501	33,113	
Total Ordinary Income	8,269	9,921	..	24,916	19,278	12,208	21,693	28,764	14,947	45,560	

Source: Municipal Corporations

## LOCAL BODIES

Table 238-INCOME OF CORPORATIONS-contd.

(Rs.'000)

State/Local Body	Gujarat-Ahmedabad									
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1984-85	1985-86	1986-87	1987-88	1988-89
Source of Income										
1	2	3	4	5	6	7	8	9	10	11
I.Tax Revenue	34,851	50,684	87,708	176,950	342,829	499,551	507,875	741,450	762,182	957,500
Property	13,690	22,017	30,968	55,372	87,743	89,984	98,088	140,485	212,065	120,868
Service	6,865	6,520	11,361	22,123	11,186	52,209	59,745	32,255	4,019	161,342
Octroi	12,868	20,459	42,480	95,523	239,549	350,779	343,381	561,051	537,421	667,500
Terminal	-	-	-	-	-	-	-	-	-	-
Trades & callings	-	-	-	-	-	-	-	-	-	-
Animal & Vehicles	1,143	1,688	2,436	3,273	3,477	5,167	5,262	5,722	6,748	6,200
Toll	-	-	-	-	-	-	-	-	-	-
Miscellaneous	285	-	463	659	874	1,412	1,399	1,937	1,929	1,590
II.Non-tax revenue	5,480	10,212	13,316	27,601	35,870	92,093	122,534	142,818	105,137	279,400
III.Ordinary grants	2,544	4,560	9,483	19,262	47,177	78,625	78,367	93,808	106,716	214,232
Total Ordinary Income	42,875	65,456	110,507	223,813	425,876	670,269	708,876	978,076	974,035	1,451,132

State/Local Body	Gujarat-Baroda(1)									
Year	1966-67	1970-71	1974-75	1975-76	1980-81	1984-85	1985-86	1986-87	1987-88	1988-89
Source of Income										
1	2	3	4	5	6	7	8	9	10	11
I.Tax Revenue	13,126	22,183	44,300	47,279	104,519	168,879	208,282	227,250	263,935	330,238
Property	3,083	6,142	16,689	15,602	25,010	42,258	40,836	43,720	38,559	75,988
Service	1,756	2,126	5,374	7,028	13,428	20,806	22,478	23,076	42,136	40,597
Octroi	7,951	13,439	21,542	23,734	64,884	104,188	143,754	158,663	181,683	212,162
Terminal	-	-	-	-	-	-	-	-	-	-
Trades & callings	39	106	169	189	225	373	245	278	266	338
Animal & Vehicles	173	228	272	452	438	655	372	989	297	955
Toll	3	3	2	2	2	1	1	1	-	-
Miscellaneous	121	139	252	272	532	598	596	523	994	198
II.Non-tax revenue	2,995	5,484	9,010	8,995	20,717	27,934	36,751	42,434	54,452	56,362
III.Ordinary grants	2,170	5,075	8,686	6,333	19,489	28,491	23,155	27,599	31,942	68,187
Total Ordinary Income	18,291	32,742	61,996	62,607	144,725	225,304	268,188	297,283	350,329	454,767

(1) The Baroda Municipal Corporation was established on 1-4-1966.

## LOCAL BODIES

Table 238-INCOME OF CORPORATIONS-contd.

(Rs.'000)

State/Local Body		Gujarat-Surat (1)									
Year		1966-67	1970-71	1975-76	1980-81	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
Source of Income											
1		2	3	4	5	6	7	8	9	10	11
I.Tax Revenue		6,905	20,510	45,631	83,364	129,891	152,838	209,101	260,307	346,016	413,438
Property		959	3,881	10,983	16,691	26,373	29,519	35,579	36,893	48,533	59,205
Service		664	1,921	4,961	9,894	15,034	14,412	16,838	22,194	23,305	28,306
Octroi		4,839	13,725	28,832	55,972	87,170	107,528	155,030	198,768	268,119	323,041
Terminal		-	-	-	-	-	-	-	-	-	-
Trades & callings		-	-	-	-	-	-	-	-	-	-
Animal & Vehicles		106	210	429	192	529	620	915	1,049	1,453	1,872
Toll		15	26	21	6	4	2	2	1	1	1
Miscellaneous		22	747	405	609	781	757	737	1,402	4,605	1,013
II.Non-tax revenue		712	1,599	4,222	8,817	13,883	9,921	10,326	15,311	24,707	38,305
III.Ordinary grants		999	3,352	8,527	21,897	30,090	31,294	40,722	35,689	41,697	57,246
Total Ordinary Income		8,616	25,461	58,380	114,078	173,864	194,053	260,149	311,307	412,420	508,989

State/Local Body		Himachal Pradesh-Shimla(2)									
Year		1970-71	1975-76	1978-79	1980-81	1981-82	1983-84	1984-85	1985-86	1986-87	1987-88
Source of Income											
1		2	3	4	5	6	7	8	9	10	11
I.Tax Revenue		1,385	4,043	5,394	6,324	7,545	7,786	8,183	10,591	11,169	12,495
Property		394	1,118	1,167	1,670	3,020	3,000	3,300	5,000	5,000	6,500
Service		-	-	-	-	-	-	-	-	-	-
Octroi		496	2,565	3,839	4,147	38,52(a)	4,100	4,100	4,700	5,200	5,100
Terminal		-	-	-	-	-	-	-	-	-	-
Trades & callings		-	-	-	-	-	-	-	-	-	-
Animal & Vehicles		3	4	2	2	1	1	5	2	2	5
Toll		-	-	-	-	-	-	-	-	-	-
Miscellaneous		492	356	386	505	672	685	778	889	967	890
II.Non-tax revenue		1,621	1,890	1,330	11,995	10,679	11,072	9,445	14,727	15,958	26,538
III.Ordinary grants		2,244	1,346	10,115	5,526	8,077	8,386	8,000	8,000	8,500	8,000
Total Ordinary Income		5,250	7,279	16,839	23,845	26,301	27,244	25,628	33,318	35,627	47,033

(1) Surat Municipal Corporation was established on 1-10-1966.

(2) Shimla Municipal Corporation was established on 1-4-1970.

(a) Grant in aid in lieu of abolition of Octroi.



## LOCAL BODIES

Table 238-INCOME OF CORPORATIONS-contd.

(Rs. '000)

State/Local Body		Karnataka-Bangalore									
Year		1960-61	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88
Source of Income											
1		2	3	4	5	6	7	8	9	10	11
I. Tax Revenue		14,988	25,203	49,305	125,789	192,871	258,575	96,287	352,585	238,657	288,712
Property		4,728	7,089	16,600	36,388	63,551	77,999	84,966	114,097	110,956	173,744
Service		-	-	-	-	359	-	-	616	62	35
Octroi		4,765	11,862	21,299	68,350	119	-	-	-	-	-
Terminal		-	-	-	-	-	-	-	-	-	-
Trades & callings		134	230	483	678	496	1,134	1,217	3,394	3,732	4,000
Animal & Vehicles		2,090	744	26	104	519	226	160	681	2,836	4
Toll		74	60	49	41	26	-	-	-	-	-
Miscellaneous		3,197	5,218	10,848	20,228	127,801	179,216	9,944	233,797	121,071	110,929
II. Non-tax revenue		10,910	7,293	14,276	11,464	29,898	16,913	33,453	33,748	59,224	145,617
III. Ordinary grants		38	1,245	9,471	1,436	163,602	133,035	400,148	159,347	120,628	154,173
Total Ordinary Income		25,945	33,741	73,052	138,689	386,371	408,523	529,888	545,680	418,509	588,502

State/Local Body		Karnataka-Dharwar									
Year		1960-61	1965-66	1970-71	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
Source of Income											
1		2	3	4	5	6	7	8	9	10	11
I. Tax Revenue		..	6,177	9,643	20,282	12,280	11,698	20,724	17,510	24,041	21,315
Property		..	1,231	1,904	3,805	7,587	7,188	7,986	7,922	9,589	8,084
Service		..	1,476	837	1,947	927	633	4,534	4,669	4,162	3,980
Octroi		..	3,179	5,320	11,883	117	-	-	-	-	-
Terminal		..	..	..	..	-	-	-	-	-	-
Trades & callings		..	..	..	..	-	-	353	266	5,509	420
Animal & Vehicles		..	23	12	14	-	-	-	-	-	-
Toll		..	33	24	16	-	-	-	-	-	-
Miscellaneous		..	235	1,546	2,617	3,650	3,877	7,851	4,653	4,781	8,831
II. Non-tax revenue		..	850	2,264	3,177	22,208	28,113	12,139	7,804	8,867	11,517
III. Ordinary grants		..	624	1,735	4,609	8,519	11,672	24,312	34,755	29,685	30,475
Total Ordinary Income		..	7,651	13,642	28,018	43,007	51,483	57,175	60,069	62,593	63,307

## LOCAL BODIES

Table 238-INCOME OF CORPORATIONS-contd.

(Rs. '000)

State/Local Body		Kerala-Calicut									
Year		1960-61	1965-66	1970-71	1975-76	1980-81	1984-85	1985-86	1986-87	1987-88	1988-89
Source of Income											
1		2	3	4	5	6	7	8	9	10	11
I. Tax Revenue		1,325	3,011	3,625	6,654	12,273	9,627	14,413	11,857	15,224	13,984
Property		571	913	1,100	1,896	3,505	3,691	5,346	4,709	5,873	5,301
Service		621	902	1,255	2,346	3,412	4,564	6,612	5,824	7,264	6,557
Octroi		..	..	..	..	-	-	-	-	-	-
Terminal		-	-	..	..	-	-	-	-	-	-
Trades & callings		109	187	200	306	335	1,056	2,124	996	1,095	1,276
Animal & Vehicles		24	12	5	16	3	1	1	-	-	-
Toll		-	-	..	..	-	-	-	-	-	-
Miscellaneous		-	997	1,065	2,090	5,018	315	330	328	992	850
II. Non-tax revenue		703	2,228	1,690	4,747	6,078	11,673	12,868	5,469	8,142	7,245
III. Ordinary grants		-	70	800	1,644	1,565	1,400	3,714	4,160	1,647	2,852
Total Ordinary Income		2,028	5,309	6,115	13,045	19,916	22,700	30,995	21,486	25,013	24,083

State/Local Body		Kerala-Cochin(1)									
Year		1967-68	1970-71	1976-77	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
Source of Income											
1		2	3	4	5	6	7	8	9	10	11
I. Tax Revenue		4,576	6,254	16,435	18,824	22,978	25,657	31,741	34,651	38,226	44,194
Property		926	3,383	7,968	9,344	10,241	14,142	14,349	18,332	21,471	26,808
Service		1,769	-	1,412	2,193	3,960	2,588	1,655	1,506	1,951	3,574
Octroi		-	-	-	-	-	-	-	-	-	-
Terminal		-	-	-	-	-	-	-	-	-	-
Trades & callings		-	-	-	-	-	-	-	-	-	-
Animal & Vehicles		31	20	6	3	1	1	1	2	3	1
Toll		-	-	-	-	-	-	-	-	-	-
Miscellaneous		1,850	2,851	7,049	7,284	8,776	8,926	15,736	14,811	14,801	13,811
II. Non-tax revenue		1,170	2,582	2,263	3,153	3,299	2,833	3,745	3,507	3,997	4,096
III. Ordinary grants		732	2,809	1,675	446	4,112	3,465	1,568	2,036	4,653	4,175
Total Ordinary Income		6,478	11,645	20,373	22,423	30,389	31,955	37,054	40,194	46,876	52,465

(1) The Corporation of Cochin was established on 1-11-1967.

## LOCAL BODIES

Table 238-INCOME OF CORPORATIONS-contd.

(Rs.'000)

State/Local Body	Kerala-Trivandrum									
Year	1960-61	1965-66	1970-71	1975-76	1967-77	1977-78	1978-79	1979-80	1980-81	1981-82
Source of Income										
1	2	3	4	5	6	7	8	9	10	11
I.Tax Revenue	1,222	2,935	5,684	10,033	9,683	7,792	11,063	24,271	29,923	39,731
Property	769	1,902	3,541	6,172	7,054	4,957	5,296	8,438	9,611	13,069
Service	-	-	23	-	-	-	-	-	-	-
Octroi	-	-	..	..	-	-	-	-	-	-
Terminal	-	-	..	-	-	-	-	-	-	-
Trades & callings	206	279	329	475	531	347	478	3,501	7,724	7,453
Animal & Vehicles	1	28	24	56	28	14	21	19	1,761	889
Toll	1	-	..	-	-	-	-	-	-	-
Miscellaneous	245	726	1,767	3,330	2,070	2,474	5,268	12,313	10,827	18,320
II.Non-tax revenue	434	705	1,520	1,152	1,652	1,806	2,141	4,801	1,239	1,544
III.Ordinary grants	223	260	..	327	491	511	409	1,582	1,954	2,287
Total Ordinary Income	1,879	3,900	7,204	11,512	11,826	10,109	13,613	30,654	33,116	43,562

State/Local Body	Madhya Pradesh-Bhopal (1)									
Year	1967-68	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
Source of Income										
1	2	3	4	5	6	7	8	9	10	11
I.Tax Revenue	2,845	5,343	17,983	12,519	12,831	9,588	14,593	18,304	23,647	26,350
Property	-	208	1,220	6,394	10,617	7,196	10,265	13,320	18,869	20,000
Service	548	-	7	-	-	-	-	-	-	-
Octroi	1,824	5,080	15,631	-	-	-	-	-	-	-
Terminal	-	-	860	1,807	2,037	2,008	3,686	4,080	4,020	5,000
Trades & callings	47	-	-	-	-	-	-	-	-	-
Animal & Vehicles	9	6	155	219	-	-	-	-	-	-
Toll	-	-	-	-	-	-	-	-	-	-
Miscellaneous	417	49	110	4,099	177	384	642	904	758	1,350
II.Non-tax revenue	380	2,921	5,123	6,434	12,045	12,111	9,033	10,982	16,189	41,120
III.Ordinary grants	149	92	59	24,819	30,584	32,525	37,569	49,434	47,333	53,715
Total Ordinary Income	3,374	8,356	23,665	43,772	55,460	54,224	61,195	78,720	87,169	121,185

(1) The Bhopal Municipal Corporation was established on 26-08-1967.

## LOCAL BODIES

Table 238-INCOME OF CORPORATIONS-contd.

(Rs.'000)

State/Local Body	Madhya Pradesh-Gwalior										
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1984-85	1985-86	1986-87	1987-88	1988-89	
Source of Income	1	2	3	4	5	6	7	8	9	10	11
I.Tax Revenue	2,200	2,985	7,030	12,430	21,441	27,451	37,612	37,875	43,918	49,777	
Property	300	440	556	23	1,995	4,530	5,252	5,150	6,323	7,342	
Service	-	-	-	-	-	-	-	-	-	-	
Octroi	1,600	2,283	6,202	12,020	17,870	19,869	28,734	28,764	31,520	31,794	
Terminal	100	104	155	133	1,067	2,369	2,581	2,758	3,090	4,363	
Trades & callings	100	80	87	113	241	326	603	647	725	1,022	
Animal & Vehicles	100	57	17	19	41	45	52	53	50	32	
Toll	-	21	12	11	1	-	-	-	-	-	
Miscellaneous	-	-	1	93	226	312	390	503	2,210	5,224	
II.Non-tax revenue	500	765	1,123	2270	1,985	4,545	5,481	5,366	4,200	7,524	
III.Ordinary grants	600	216	364	1,369	1,017	2,326	8,782	5,323	19,940	9,506	
Total Ordinary Income	3,300	3,066	8,517	16,069	24,443	34,322	51,875	48,564	68,058	66,807	

State/Local Body	Madhya Pradesh-Indore										
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1984-85	1985-86	1986-87	1987-88	1988-89	
Source of Income	1	2	3	4	5	6	7	8	9	10	11
I.Tax Revenue	6,158	9,766	16,252	33,972	16,622	106,511	112,306	120,737	116,991	120,848	
Property	955	1,849	1,476	44	5,142	14,702	18,154	28,290	23,166	21,018	
Service	10	1	-	-	-	16	282	315	20	436	
Octroi	4,718	7,433	12,617	33,200	17	24,137	68,825	68,029	69,933	79,462	
Terminal	-	-	-	326	1,816	61,904	3,819	3,820	3,846	3,947	
Trades & callings	-	-	-	-	-	3,550	874	916	305	289	
Animal & Vehicles	47	65	79	84	244	119	248	222	371	336	
Toll	-	-	-	-	-	-	-	-	-	-	
Miscellaneous	428	404	2,080	318	9,403	2,083	20,104	19,145	19,350	15,360	
II.Non-tax revenue	1,979	769	1,961	10,378	6,922	23,954	10,353	8,552	20,258	21,088	
III.Ordinary grants	625	194	194	4,061	48,812	100	903	868	776	667	
Total Ordinary Income	8,762	10,729	18,407	48,411	72,356	130,565	123,562	130,157	138,025	142,603	

## LOCAL BODIES

Table 238-INCOME OF CORPORATIONS-contd.

(Rs. '000)

State/Local Body	Madhya Pradesh-Jabalpur										
Year	1960-61	1965-66	1970-71	1975-76	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	
Source of Income	1	2	3	4	5	6	7	8	9	10	11
I.Tax Revenue	4,130	7,839	11,291	19,797	8,161	8,914	13,059	14,756	15,849	18,976	
Property	-	-	12	-	1,140	1,247	1,876	2,332	2,312	2,122	
Service	549	1,316	3,327	4,728	4,836	5,326	8,799	9,235	10,214	13,050	
Octroi	3,008	5,358	7,814	14,603	-	-	-	-	-	-	
Terminal	-	-	-	-	949	831	884	1,035	1,127	1,141	
Trades & callings	-	-	-	-	-	-	-	-	-	-	
Animal & Vehicles	81	47	48	67	69	77	99	103	103	98	
Toll	7	66	4	4	-	-	-	-	-	-	
Miscellaneous	485	1,052	86	395	1,167	1,433	1,391	2,051	2,093	2,565	
II.Non-tax revenue	489	666	598	931	1,916	1,840	1,787	2,108	3,049	1,890	
III.Ordinary grants(1)	569	1,959	1,818	4,759	22,523	23,722	27,284	30,579	32,573	41,056	
Total Ordinary Income	5,188	10,464	13,707	25,487	32,600	34,476	42,120	47,443	51,471	61,922	

State/Local Body	Madhya Pradesh-Raipur(2)										
Year	1967-68	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	
Source of Income	1	2	3	4	5	6	7	8	9	10	11
I. Tax Revenue	3,930	4,743	13,562	17,781	21,377	21,597	25,151	28,798	32,741	41,503	
Property @	-	..	699	1,863	3,177	3,767	4,395	5,609	6,628	9,825	
Service \$	487	531	694	1,302	1,950	2,181	2,814	3,739	4,244	5,350	
Octroi @@	3,284	4,039	9,958	13,858	15,271	14,539	16,876	18,247	19,353	23,656	
Terminal	-	..	320	682	751	885	835	981	2,388	2,448	
Trades & callings	36	..	-	-	-	-	-	-	-	-	
Animal & Vehicles	14	130	72	7	157	151	156	148	49	144	
Toll	-	..	..	-	-	-	-	-	-	-	
Miscellaneous	109	43	1,859	69	71	74	75	74	79	80	
II.Non-tax revenue	482	786	1,516	3,261	5,584	4,546	5,171	6,943	9,385	9,063	
III.Ordinary Grants	598	661	1,098	2,483	12,725	20,023	9,355	7,384	10,215	9,429	
				(a)	(a)	(a)	(a)	(a)	(a)	(a)	
Total Ordinary Income	5,010	6,190	16,176	23,524	39,686	46,146	39,677	43,125	52,341	59,995	

(1) Includes grant-in-aid since 1976-77 from State Government in lieu of octroi tax, which was abolished on 1.5.1976. (2) The Raipur Municipal Corporation was established on 1-4-67.

(a) Includes loans, advances & deposits.

\$ Includes Water tax & Sanitation Cess.

@ Includes property tax & cess.

\* Includes amounts from Development Fund.

@@ Compensation from State Govt. in lieu of Octroi.

## LOCAL BODIES

Table 238-INCOME OF CORPORATIONS-contd.

(Rs.'000)

State/Local Body		Madhya Pradesh-Ujjain									
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1984-85	1985-86	1986-87	1987-88	1988-89	
Source of Income	1	2	3	4	5	6	7	8	9	10	11
I. Tax Revenue	1,708	2,785	4,648	7,735	3,066	5,579	5,527	5,948	8,482	10,534	
Property Service	278	629	577(a)	54	1,289	2,921	3,052	3,499	4,452	5,108	
Octroi	1,125	1,822	3,662	6,410	-	-	-	-	-	-	
Terminal	112	194	266	1,072	1,550	2,331	2,133	2,109	3,619	4,897	
Trades & callings	16	-	-	-	-	-	-	-	-	-	
Animal & Vehicles	34	56	26	30	27	28	30	41	33	38	
Toll	-	-	-	-	-	-	-	-	-	-	
Miscellaneous	143	84	117	169	200	299	312	299	378	491	
II. Non-tax revenue	332	439	587	1,678	5,093	5,012	5,460	4,412	5,286	7,603	
III. Ordinary grants	98	69	169	1,210	12,150	11,923	15,233	15,850	17,276	19,213	
Total ordinary income	2,138	3,293	5,404	10,618	20,309	22,514	26,220	26,210	31,044	37,350	

State/Local Body		Maharashtra-Bombay										
Year		1960-61	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88	
Source of Income		1	2	3	4	5	6	7	8	9	10	11
I. Tax												
Revenue		152,466	287,532	466,673	873,244	1,668,483	2,938,874	3,344,933	3,574,962	3,930,329	5,159,125	
Property		66,656	107,476	168,745	253,334	418,930	496,057	544,903	575,750	648,835	682,846	
Service		58,411	84,947	108,249	285,553	528,032	942,786	1,043,550	1,053,683	1,139,974	1,912,860	
Octroi		12,323	66,950	153,206	282,170	699,242	1,472,730	1,729,208	1,917,756	2,109,060	2,530,721	
Terminal		-	-	-	-	-	-	-	-	-	-	
Trades & callings		7,698	-	-	-	-	-	-	-	-	-	
Animal & Vehicles		6,456	9,217	11,808	21,351	18,736	23,750	23,774	24,254	29,313	29,288	
Toll		-	-	-	-	-	-	-	-	-	-	
Miscellaneous		922	18,942	24,665	30,836	3,543	3,551	3,498	3,519	3,147	3,410	
II. Non-tax revenue												
		12,198	240,224	53,058	204,795	363,037	499,819	454,550	499,598	565,792	632,892	
III. Ordinary grants												
		9,295	8,169	1,397	49,258	58,707	108,725	136,632	133,804	178,337	184,138	
Total ordinary income												
		173,959	319,725	521,128	1,127,297	2,090,227	3,547,418	3,936,115	4,208,364	4,674,458	5,976,155	

(a) This tax was withdrawn by State Government since 1-4-70. The income shown is from tax arrears.

## LOCAL BODIES

Table 238-INCOME OF CORPORATIONS-contd.

(Rs. '000)

State/Local Body	Maharashtra-Nagapur										
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88	
Source of Income	1	2	3	4	5	6	7	8	9	10	11
I.Tax Revenue	11,794	18,138	26,865	53,967	95,178	171,520	185,661	220,431	266,671	301,150	
Property	1,268	2,202	4,202	6,024	9,564	12,702	13,478	18,055	19,721	21,912	
Service	3,698	5,851	7,133	11,173	18,501	49,879	49,732	54,321	51,913	57,769	
Octroi	6,468	9,636	14,809	36,113	65,869	107,867	120,697	146,906	189,870	216,024	
Terminal	-	-	-	-	-	-	-	-	1,766	2,112	
Trades & callings	-	-	-	77	-	-	-	-	1,919	1,953	
Animal & Vehicles	181	212	262	62	72	88	32	33	12	11	
Toll	-	-	-	-	-	-	-	-	-	-	
Miscellaneous	179	237	459	518	1,172	984	1,722	1,116	1,470	1,369	
II.Non-tax revenue	3,163	3,433	4,264	8,654	12,782	20,622	18,180	24,693	41,753	31,433	
III.Ordinary grants	2,115	1,711	3,253	8,793	26,132	43,182	52,556	57,588	58,925	44,341	
Total Ordinary Income	17,072	23,282	34,382	71,414	134,092	235,324	256,397	302,712	367,349	376,924	

State/Local Body	Maharashtra-Poona										
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88	
Source of Income	1	2	3	4	5	6	7	8	9	10	11
I.Tax Revenue	12,848	22,501	44,448	86,479	167,221	222,359	264,840	318,952	393,344	408,912	
Property	3,591	7,011	12,953	20,800	29,428	34,157	45,345	51,399	73,441	76,306	
Service	1,599	2,114	3,895	7,166	10,011	22,086	23,049	21,355	57,158	54,161	
Octroi	7,227	12,593	26,648	56,853	120,131	159,175	192,698	232,663	254,356	273,279	
Terminal	-	-	-	-	-	-	-	-	-	-	
Trades & callings	-	-	-	291	-	-	-	-	-	-	
Animal & Vehicles	-	472	352	691	1,458	-	-	-	-	-	
Toll	338	-	-	-	5	2	-	-	-	-	
Miscellaneous	193	311	600	678	6,188	6,939	3,748	13,535	8,389	5,166	
II.Non-tax revenue	2,642	4,461	6,573	16,403	22,954	30,625	31,631	18,833	21,878	52,935	
III.Ordinary grants	1,593	2,830	6,538	11,398	17,040	55,832	53,011	69,874	69,431	61,477	
Total Ordinary Income	17,083	29,792	57,559	114,280	207,215	308,816	349,482	407,659	484,653	523,324	

## LOCAL BODIES

Table 238-INCOME OF CORPORATIONS-contd.

(Rs.'000)

State/Local Body	Maharashtra-Solapur(1)										
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1984-85	1985-86	1986-87	1987-88	1988-89	
Source of Income	1	2	3	4	5	6	7	8	9	10	11
I.Tax Revenue	5,647	7,811	14,235	26,692	48,609	89,077	103,305	113,097	135,530	136,268	
Property	1,054	1,240	3,338	4,687	5,950	10,444	10,932	13,331	17,000	14,910	
Service	1,992	2,356	2,009	4,777	7,910	18,161	18,986	21,835	27,000	28,454	
Octroi	2,475	4,040	8,723	16,277	34,249	59,546	70,126	73,889	88,000	89,601	
Terminal	-	-	-	-	-	-	-	-	-	-	
Trades & callings	-	-	-	-	-	-	-	-	-	-	
Animal & Vehicles	23	34	45	51	108	-	-	-	-	-	
Toll	30	30	28	37	36	28	-	-	-	-	
Miscellaneous	73	111	92	263	356	898	3,261	4,042	3,530	3,303	
II.Non-tax revenue	4,823	1,268	1,847	4,478	6,642	15,139	19,136	18,589	20,684	49,159	
III.Ordinary grants	1,244	1,066	2,382	3,220	6,787	20,812	22,933	23,141	26,793	30,489	
Total Ordinary Income	11,714	10,145	18,464	33,790	62,038	125,028	145,374	154,827	183,007	215,916	

State/Local Body	Tamil Nadu-Madras										
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88	
Source of Income	1	2	3	4	5	6	7	8	9	10	11
I.Tax Revenue	30,358	57,060	85,006	..	..	258,589	279,365	320,714	371,407	396,215	
Property	18,310	31,528	46,341	..	..	111,701	135,912	144,018	168,189	182,840	
Service	-	-	-	..	..	-	-	-	-	-	
Octroi	-	-	-	..	..	-	-	-	-	-	
Terminal	-	-	-	..	..	-	-	-	-	-	
Trades & callings	1,873	2,307	2,938	..	..	116,901	117,129	138,383	144,694	149,383	
Animal & Vehicles	185	212	7	..	..	7	7	9	13	10	
Toll	365	365	363	..	..	357	357	357	357	8	
Miscellaneous	9,625	22,648	35,357	..	..	29,623	25,960	37,947	58,154	63,974	
II.Non-tax revenue	12,080	17,732	34,902	..	..	105,723	117,162	136,999	158,293	150,840	
III.Ordinary grants	3,885	4,148	3,845	..	..	5,384	6,612	15,354	21,670	14,908	
Total Ordinary Income	46,323	78,940	123,753	326,632	417,052	369,696	403,139	473,067	551,370	561,963	

(1) The Solapur Municipal Board has been up-graded as Corporation w.e.f. 1-5-1964.



## LOCAL BODIES

Table 238-INCOME OF CORPORATIONS-cont'd.

(Rs. '000)

State/Local Body		Uttar Pradesh-Agra									
Year		1960-61	1965-66	1970-71	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
Source of Income											
1		2	3	4	5	6	7	8	9	10	11
I. Tax Revenue		4,760	6,159	9,851	20,665	28,481	28,549	30,873	31,095	32,651	40,814
Property		673	853	1,357	3,248	4,508	4,399	5,691	5,732	5,654	6,908
Service		1,193	1,507	1,762	3,991	-	-	-	-	-	-
Octroi		82	141	5,899	12,724	23,035	23,230	24,198	24,299	25,557	32,064
Terminal		1,115	1,083	..	-	-	-	-	-	-	-
Trades & callings		-	3	..	-	-	-	-	-	-	-
Animal & Vehicles		82	194	243	394	420	-	456	429	431	386
Toll		1,563	2,277	..	-	-	96	-	-	-	-
Miscellaneous		52	101	590	308	518	430	528	635	1,009	1,456
II. Non-tax revenue		5,540	5,671	2,937	4,931	5,762	7,222	5,200	2,045	4,262	2,964
III. Ordinary grants		1,370	2,740	2,284	5,496	10,977	14,274	15,678	11,385	22,257	25,874
Total Ordinary Income		11,670	14,570	15,072	31,092	45,220	50,045	51,751	44,525	59,170	69,652

State/Local Body		Uttar Pradesh-Allahabad									
Year		1960-61	1965-66	1970-71	1975-76	1980-81	1982-83	1983-84	1984-85	1985-86	1986-87
Source of Income											
1		2	3	4	5	6	7	8	9	10	11
I. Tax Revenue		4,943	7,177	11,388	16,635	25,631	32,947	35,652	37,507	35,179	56,368
Property		892	1,065	1,468	2,994	3,000	4,400	4,400	5,000	5,755	5,398
Service		1,189	1,445	2,473	3,574	-	-	-	-	-	-
Octroi		2,307	3,350	6,370	8,796	21,000	26,500	29,000	30,000	28,189	49,564
Terminal		205	685	456	843	700	700	700	700	185	138
Trades & callings		29	14	25	26	35	35	90	90	41	45
Animal & Vehicles		274	385	282	209	366	410	610	615	5	8
Toll		47	233	314	193	210	400	250	450	412	354
Miscellaneous		-	-	-	-	320	502	602	652	592	861
II. Non-tax revenue		1,580	2,392	4,161	4,618	3,727	9,032	9,496	11,507	11,786	7,709
III. Ordinary grants		1,912	2,604	3,950	5,548	11,641	12,339	11,921	32,230	23,204	32,440
Total Ordinary Income		8,435	12,173	19,499	26,801	40,999	54,318	57,069	81,244	70,169	96,517

## LOCAL BODIES

Table 238-INCOME OF CORPORATIONS-contd.

(Rs.'000)

State/Local Body		Uttar Pradesh-Kanpur									
Year		1960-61	1965-66	1970-71	1975-76	1980-81	1984-85	1985-86	1986-87	1987-88	1988-89
Source of Income											
1		2	3	4	5	6	8	9	10	11	12
I. Tax Revenue		12,007	16,774	18,649	42,622	79,792	139,015	154,079	165,181	171,200	191,388
Property		3,400	5,011	7,642	20,849	27,309	23,125	27,553	27,581	32,905	37,839
Service		-	-	-	..	..	..	-	-	-	-
Octroi		155	199	248	..	..	112,912	123,418	134,579	135,226	150,129
Terminal		2,975	3,123	1,779	20,280	49,859	..	-	-	-	-
Trades & callings		-	-	-	..	..	..	-	-	-	-
Animal & Vehicles		-	553	957	1,233	1623	1,579	1,460	1,476	1,571	1,646
Toll		2,825	4,966	4,056	..	..	..	-	-	-	-
Miscellaneous		2,652	2,922	3,967	260	1,001	1,399	1,648	1,545	1,498	1,774
II. Non-tax revenue		4,701	4,553	7,131	11,536	8,148	7,630	8,393	14,584	19,650	23,317
III. Ordinary grants		3,211	5,828	6,135	11,787	27,302	51,585	64,004	86,130	66,832	78,774
Total Ordinary Income		19,919	27,155	31,915	65,945	115,242	198,230	226,476	265,895	257,682	293,479

State/Local Body		Uttar Pradesh-Lucknow									
Year		1960-61	1965-66	1970-71	1975-76	1980-81	1984-85	1985-86	1986-87	1987-88	1988-89
Source of Income											
1		2	3	4	5	6	7	8	9	10	11
I. Tax Revenue		6,279	8,500	13,072	21,921	41,016	54,297	52,348	79,814	82,189	104,747
Property		1,495	3,500	3,819	5,498	11,565	15,789	19,527	21,553	23,383	37,346
Service		..	..	..	..	..	..	-	-	-	-
Octroi		69	100	84	11,328	24,614	30,158	30,430	55,117	55,748	63,950
Terminal		2,934	4,300	5,668	..	..	-	-	-	-	-
Trades & callings		11	..	8	50	22	19	22	21	94	26
Animal & Vehicles		283	400	574	793	921	1,087	1,016	1,065	1,079	1,433
Toll		-	-	11	..	-	-	-	-	-	-
Miscellaneous		1,487	200	2,908	4,252	3,894	7,244	1,353	2,058	1,885	1,992
II. Non-tax revenue		1,862	2,600	4,940	6,029	24,920	67,920	15,929	5,890	14,383	8,123
III. Ordinary grants		1,915	2,800	3,162	3,951	6,062	14,237	10,074	11,914	17,226	17,264
Total Ordinary Income		10,056	13,900	21,174	31,901	71,998	136,454	79,151	97,618	113,798	130,134

## LOCAL BODIES

Table 236 INCOME OF CORPORATIONS-contd.

(Rs.'000)

State/Local Body		Uttar Pradesh-Varanasi									
Year		1960-61	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88
Source of Income											
1		2	3	4	5	6	7	8	9	10	11
I. Tax Revenue		5,564	8,103	10,323	15,957	25,764	31,731	33,213	37,977	60,580	62,549
Property		1,731	2,232	3,946	4,971	3,573	5,414	5,342	6,315	6,237	6,507
Service		-	-	-	-	-	-	-	-	-	-
Octroi		3,447	4,835	3,221	9,645	19,582	23,729	25,583	29,258	50,507	53,803
Terminal		-	-	-	-	-	-	-	-	-	-
Trades & callings		-	-	-	-	-	-	-	-	-	-
Animal & Vehicles		84	355	473	714	988	1,184	1,172	835	859	923
Toll		21	107	128	306	324	451	323	511	637	923
Miscellaneous		281	574	555	321	1,297	953	793	1,058	2,340	393
II. Non-tax revenue		1,890	3,107	4,414	4,472	4,144	4,634	6,862	5,102	6,868	6,655
III. Ordinary grants		3,245	2,421	3,995	4,771	9,538	11,140	19,408	15,629	25,000	34,612
Total Ordinary Income		10,699	13,631	18,732	25,200	39,466	47,505	59,483	58,708	92,447	103,816

State/Local Body		West Bengal-Calcutta									
Year		1960-61	1965-66	1970-71	1975-76	1978-79	1980-81	1981-82	1982-83	1983-84	1984-85
Source of Income										(P)	(P)
1		2	3	4	5	6	7	8	9	10	11
I. Tax Revenue		47,942	63,128	75,477	108,401	136,180	213,775	266,348	723,010	416,258	205,012
Property		43,522	56,508	67,106	94,155	110,491	134,500	159,077	574,125	245,528	175,172(c)
Service		-	-	1,365	3,986	3,261	4,900	11,600	-	6,443	5,776
Octroi		-	-	-	-	-	-	-	-	-	-
Terminal		-	-	-	-	-	62,500	83,000	127,500	141,600	-
Trades & callings		3,807	5,904	6,322	9,243	15,090	17,875	12,671	19,781	21,528	22,611
Animal & Vehicles		543	456	348	343	274	-	-	-	-	..
Toll		-	-	-	-	-	-	-	-	-	..
Miscellaneous		70	260	336	674	6,164	-	-	1,604	1,159	1,453(d)
II. Non-tax revenue		13,132	18,781	13,258	22,822	27,563	31,502	37,855	40,728	131,097	54,272
III. Ordinary grants		10,496	12,522	65,601	64,745	94,045	102,472	112,889	101,973	129,293	273,393
Total Ordinary Income		71,570	94,431	154,336	195,968	257,788	347,749	417,092	865,711	676,648	532,677
	(a)			(b)	(b)						

(a) Excludes Rs.48.50 Lakhs for diversion from Special Funds during 1960-61.

(b) Comprises loans/advances from Central &amp; State Govt. grants from State Govt. C.M.D.A. share of proceeds of Entry Tax.w.e.f. 70-71.

(c) Relates to Consolidated Rate. (d) It also includes Advertisement.

## LOCAL BODIES

Table 238-INCOME OF CORPORATIONS-concl'd.

(Rs.'000)

State/Local Body		West. Bengal-Chandernagore									
Year		1960-61	1965-66	1970-71	1975-76	1980-81	1984-85	1985-86	1986-87	1987-88	1988-89
Source of Income											
1		2	3	4	5	6	7	8	9	10	11
I. Tax Revenue		450	305	1,025	2,205	4,077	4,453	5,432	6,261	6,388	6,895
Property		149	171	265	426	601	2,512	3,326	3,356	3,467	3,180
Service		206	260	455	748	1,108	..	..	..	..	..
Octroi		-	-	-	299	857	1,669	1,735	2,550	2,570	..
Terminal		-	-	-	-	-	-	-	-	-	-
Trades & callings		24	36	61	72	103	183	254	258	243	242
Animal & Vehicles		10	11	8	7	13	24	24	25	27	2
Toll		61	25	137	224	63	65	103	72	81	44
Miscellaneous		-	-	99	429	1,332	-	-	-	-	-
II. Non-tax revenue		178	359	240	404	482	1,223	1,044	1,343	1,651	1,947
III. Ordinary grants		441	873	1,785	2,278	4,933	6,538	7,529	9,076	11,168	12,461
Total Ordinary Income		1,069	1,735	3,030	4,887	9,492	12,214	14,005	16,680	19,207	21,303

UT/Local Body		Delhi-Delhi									
Year		1960-61	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88
Source of Income											
1		2	3	4	5	6	7	8	9	10	11
I. Tax Revenue		33,650	84,686	293,584	308,859	585,502	738,792	922,187	1,005,820	1,503,303	1,517,221
Property		12,799	36,931	59,698	137,322	202,633	315,105	368,557	458,684	863,092	763,300
Service		447	1,051	1,587	2,381	2,834	4,174	6,429	4,446	5,506	8,140
Octroi		-	-	-	-	-	-	-	-	-	-
Terminal		11,836	26,000	76,319	78,649	193,328	198,223	217,290	223,749	260,839	347,748
Trades & callings		-	-	-	-	-	-	-	-	-	-
Animal & Vehicles		2,698	7,831	663	1,553	244	224	199	350	466	249
Toll		1	-	-	-	-	-	-	-	-	-
Miscellaneous		5,869	12,873	65,317	88,954	186,463	221,066	329,712	318,591	373,400	397,784
II. Non-tax revenue		9,873	13,035	17,108	36,026	65,017	95,144	282,317	233,813	181,419	402,983
III. Ordinary grants		17,250	19,717	50,444	80,151	95,709	163,010	181,718	171,738	210,335	227,859
Total Ordinary Income		60,773	117,438	271,136	345,036	746,228	996,946	1,386,222	1,411,371	1,895,057	2,148,063

(a) Includes Rs.30,000 relating to "ways &amp; means" loan from Government.

(b) Includes Rs.20,000 relating to "ways &amp; means" loan from Government.

(c) Includes Rs.15,000 relating to "ways &amp; means" loan from Government.

## LOCAL BODIES

Table 239-EXPENDITURE OF CORPORATIONS

(Rs. '000)

State/Local Body	Andhra Pradesh-Hyderabad									
Year	1960-61	1965-66	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83
Head of Expenditure										
1	2	3	4	5	6	7	8	9	10	11
I. Ordinary Expenditure	12,134	24,075	40,059	42,774	43,242	49,996	93,950	93,799	225,114	256,698
1. General administration & collection of revenue	4,010	4,774	11,784	7,121	4,101	5,376	6,078	9,600	25,421	25,064
2. Public health	3,030	5,721	1,990	1,593	2,918	2,472	2,245	2,375	48,945	53,277
3. Safety & convenience	2,520	5,309	6,230	5,746	1,396	9,293	15,129	8,311	..	..
4. Education	29	103	217	308	567	882	942	670	2,097	2,523
5. Public works	1,856	6,218	15,342	7,134	11,697	31,967	69,544	62,049	98,832	114,277
6. Miscellaneous	689	1,950	4,496	20,872	22,563	6	12	10,794	49,819	61,556
II. Repayment of loans	-	410	2,419	1,697	3,587	1,811	3,013	2,991	1,217	2,240
Total revenue expenditure	12,134	24,485	42,478	44,471	46,829	51,807	96,963	96,790	226,331	258,938
Total wages and salaries paid to all employees	7,022	10,164	29,107	29,479	50,859	52,212	59,305	68,649	80,605	85,054

State/Local Body	Bihar-Patna									
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1982-83	1983-84	1984-85	1985-86	1986-87
Head of Expenditure										
1	2	3	4	5	6	7	8	9	10	11
I. Ordinary Expenditure	7,201	12,428	..	13,838	8,522	14,582	17,733	22,315	23,201	28,919
1. General administration & collection of revenue	652	898	..	1,749	3,138	4,491	5,080	4,510	5,367	7,180
2. Public health	4,255	5,429	..	3,610	3,290	6,666	7,883	8,504	9,327	11,272
3. Safety & convenience	1,081	847	..	1,029	202	430	504	684	533	818
4. Education	708	1,247	..	5,460	-	-	-	-	-	-
5. Public works	-	-	..	1,320	1,342	1,560	3,222	6,847	7,101	8,868
6. Miscellaneous	505	4,007	..	670	550	1,436	1,044	1,770	873	781
II. Repayment of loans	-	-	..	..	..	..	..	..	..	..
Total revenue expenditure	7,201	12,428	..	13,838	8,522	14,582	17,733	22,315	23,201	28,919
Total wages and salaries paid to all employees	-	-	..	16,561	17,100	31,499	33,823	33,761	72,795	75,770

Source: Municipal Corporations

## LOCAL BODIES

Table 239-EXPENDITURE OF CORPORATIONS-contd.

(Rs.'000)

State/Local Boddy	Gujarat-Ahmedabad										
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1984-85	1985-86	1986-87	1987-88	1988-89	
Head of Expenditure											
1	2	3	4	5	6	7	8	9	10	11	
I.Ordinary Expenditure	27,702	59,225	81,528	163,442	311,823	593,894	627,180	707,118	867,833	1,202,789	
1.General administration & collection of revenue	4,656	8,861	12,894	26,069	47,731	85,922	79,824	98,570	120,413	183,667	
2.Public health	12,101	30,522	36,328	74,723	144,270	264,808	296,925	328,755	384,899	492,717	
3.Safety & convenience	2,339	2,165	3,111	11,062	20,847	39,788	40,961	47,371	51,587	68,824	
4.Education	6,270	13,355	20,918	40,098	70,884	136,674	140,174	151,014	220,507	305,571	
5.Public works	1,964	3,982	4,721	9,913	20,448	35,117	37,033	40,271	48,077	59,553	
6.Miscellaneous	372	340	3,556	1,557	7,616	31,585	32,263	41,137	42,350	92,457	
II.Repayment of loans	8,191	17,490	24,348	45,694	107,970	172,894	171,907	181,467	166,470	183,000	
Total revenue expenditure	35,893	76,715	105,876	209,136	419,793	766,788	799,087	888,585	1,034,303	1,385,789	
Total wages and salaries paid to all employees	10,971	23,480	33,562	70,371	128,923	270,928	288,300	343,485	390,488	585,979	

State/Local Body	Gujarat-Baroda(1)										
Year	1966-67	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	
Head of Expenditure											
1	2	3	4	5	6	7	8	9	10	11	
I.Ordinary Expenditure	17,680	33,024	66,421	106,288	175,358	203,040	227,161	252,359	307,466	450,241	
1.General administration & collection of revenue	605	2,304	12,675	24,356	39,545	45,929	52,099	52,469	68,752	118,814	
2.Public health	4,534	13,511	19,775	4,284	5,936	6,959	7,689	8,381	9,325	12,926	
3.Safety & convenience	240	1,358	1,618	4,433	8,091	9,225	9,796	18,538	19,710	41,273	
4.Education	2,965	4,594	9,498	22,068	36,449	39,304	47,683	43,881	48,563	81,503	
5.Public works	2,981	4,126	2,112	4,987	12,783	14,557	14,100	16,771	20,566	24,676	
6.Miscellaneous	6,355	7,131	20,743	46,160	72,554	87,066	95,794	112,319	140,550	171,049	
II.Repayment of loans	..	..	..	28,889	34,520	36,603	38,952	40,383	47,801	52,576	
Total revenue expenditure	17,680	33,024	66,421	135,177	209,878	239,643	266,113	292,742	355,267	502,817	
Total wages and salaries paid to all employees	4,151	7,665	18,725	40,885	64,209	80,311	94,204	110,504	122,933	152,439	

(1) The Baroda Municipal Corporation was established on 1-4-1966.

## LOCAL BODIES

Table 239-EXPENDITURE OF CORPORATIONS-contd.

(Rs. '000)

State/Local Body		Gujarat- Surat(1)									
Year		1966-67	1970-71	1975-76	1980-81	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
Head of Expenditure											
1		2	3	4	5	6	7	8	9	10	11
I. Ordinary Expenditure		3,722	15,587	39,117	93,767	126,558	147,603	170,323	198,437	285,488	350,099
1. General administration & collection of revenue		644	2,389	5,634	10,535	15,927	18,157	19,524	26,296	33,504	61,101
2. Public health		1,952	5,555	14,218	33,684	50,393	60,179	68,252	79,140	113,681	132,857
3. Safety & convenience		218	565	1,452	3,388	4,816	6,681	6,757	9,107	13,292	16,346
4. Education		193	4,796	12,357	23,597	31,231	38,735	41,283	43,198	53,200	76,637
5. Public works		426	1,221	3,774	16,823	18,979	17,234	23,941	28,587	33,665	36,772
6. Miscellaneous		289	1,061	1,682	5,740	5,212	6,617	10,566	12,109	38,146	26,386
II. Repayment of loans		763	3,628	12,145	16,381	18,423	20,981	22,635	25,314	28,447	34,993
Total revenue expenditure		4,485	19,215	51,262	110,148	144,981	168,584	192,958	223,751	313,935	90,452
Total wages and salaries paid to all employees		1,673	5,710	16,518	34,790	53,404	64,363	78,361	90,588	123,368	145,178

State/Local Body		Himachal Pradesh-Shimla(2)									
Year		1970-71	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
Head of Expenditure											
1		2	3	4	5	6	7	8	9	10	11
I. Ordinary Expenditure		3,932	6,145	10,434	11,980	12,858	15,192	19,153	25,792	26,591	30,938
1. General administration & collection of revenue		649	1,270	2,252	2,377	2,127	2,647	3,234	3,440	5,321	5,858
2. Public health		1,283	2,540	4,491	4,654	5,171	6,137	7,721	9,743	10,856	11,132
3. Safety & convenience		260	6	-	-	-	-	-	-	-	-
4. Education		22	39	66	75	71	100	120	148	160	143
5. Public works		403	410	917	1,492	1,780	2,699	2,220	2,323	3,330	3,000
6. Miscellaneous		1,315	1,880	2,708	3,382	3,709	3,609	5,858	10,138	6,924	10,805
II. Repayment of loans		60	192	229	-	-	-	-	-	-	-
Total revenue expenditure		3,992	6,337	10,663	11,980	12,858	15,192	19,153	25,792	26,591	30,938
Total wages and salaries paid to all employees		2,285	4,432	8,589	9,300	103	9,322	10,664	11,498	13,615	14,126

(1) The Surat Municipal Corporation was established on 1.10.1966.

(2) Shimla Municipal Corporation was established on 1-4-1970.

## LOCAL BODIES

Table 239-EXPENDITURE OF CORPORATIONS-contd.

(Rs.'000)

State/Local Body	Karnataka-Bangalore									
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88
Head of Expenditure										
1	2	3	4	5	6	7	8	9	10	11
I. Ordinary Expenditure	18,626	33,696	70,413	132,490	291,077	458,327	418,435	502,413	622,161	577,407
1. General administration & collection of revenue	1,362	2,241	5,582	15,560	17,103	20,204	17,148	18,142	30,055	23,806
2. Public health	4,623	8,564	16,153	17,440	46,574	80,137	85,848	89,200	123,396	157,578
3. Safety & convenience	50	75	10,211	..	-	-	-	-	-	-
4. Education	596	1,704	2,211	5,220	9,533	14,112	17,500	18,753	22,800	28,788
5. Public works	3,371	12,234	29,981	53,620	120,989	184,886	200,251	194,082	166,548	171,588
6. Miscellaneous	8,621	8,878	6,275	30,650	96,878	158,988	97,688	182,236	279,862	195,647
II. Repayment of loans	1,677	435	4,127	1,990	1,476	47,752	6,076	5,475	6,075	2,305
Total revenue expenditure	20,303	34,131	74,540	134,480	292,553	506,079	424,511	507,888	628,236	579,712
Total wages and salaries paid to all employees	4,610	11,800	20,076	43,180	75,671	113,110	138,845	147,029	168,700	262,117

State/Local Body	Karnataka-Dharwar									
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
Head of Expenditure										
1	2	3	4	5	6	7	8	9	10	11
I. Ordinary Expenditure	..	7,804	13,905	24,454	40,563	49,420	49,655	56,338	69,141	62,261
1. General administration & collection of revenue	..	1,075	1,780	4,308	7,329	8,520	8,643	11,531	12,136	13,399
2. Public health	..	248	7,495	14,895	23,288	36,209	37,710	39,116	49,854	36,031
3. Safety & convenience	..	3,493	631	1,096	1,739	2,998	1,977	2,332	3,321	7,233
4. Education	..	823	122	163	286	367	263	306	704	188
5. Public works	..	1,314	2,363	1,090	6,834	294	102	2,082	2,143	3,815
6. Miscellaneous	..	851	1,514	2,902	1,087	1,032	960	971	983	1,595
II. Repayment of loans	..	925	1,146	2,785	4,155	4,763	4,275	4,633	6,500	16,883
Total revenue expenditure	..	8,729	15,051	27,239	44,718	54,183	53,930	60,971	75,641	79,144
Total wages and salaries paid to all employees	..	2,528	4,094	8,286	17,545	21,813	22,586	30,413	30,817	35,472



## LOCAL BODIES

Table 239-EXPENDITURE OF CORPORATIONS-contd.

(Rs.'000)

State/Local Body	Kerala-Calicut									
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1984-85	1985-86	1986-87	1987-88	1988-89
Head of Expenditure										
1	2	3	4	5	6	7	8	9	10	11
I. Ordinary Expenditure	1,819	4,110	5,825	10,045	18,281	34,288	30,123	10,736	10,737	29,284
1. General administration & collection of revenue	112	339	505	2,882	3,051	4,644	4,906	1,351	2,803	4,321
2. Public health	821	1,337	2,214	4,631	6,318	7,112	4,675	960	1,163	10,821
3. Safety & convenience	..	..	..	..	..	..	..	..	..	..
4. Education	..	..	..	..	..	..	..	..	..	..
5. Public works	385	466	1,421	1,313	3,465	7,377	5,987	7,730	5,644	9,129
6. Miscellaneous	501	1,968	1,685	1,219	5,447	15,155	14,555	695	1,127	431
II. Repayment of loans	175	303	425	2,114	1,380	2,000	2,015	2,494	3,324	4,582
Total revenue expenditure	1,994	4,413	6,250	12,159	19,661	36,288	32,138	13,230	14,061	33,866
Total wages and salaries paid to all employees	1,012	..	3,632	6,587	9,028	16,733	17,770	21,950	24,864	23,984

State/Local Body	Kerala-Cochin(1)									
Year	1967-68	1970-71	1975-76	1976-77	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
Head of Expenditure										
1	2	3	4	5	6	7	8	9	10	11
I. Ordinary Expenditure	5,822	12,482	13,693	15,955	20,660	29,452	27,777	31,839	37,168	41,556
1. General administration & collection of revenue	730	1,933	3,298	2,901	4,022	4,665	5,266	7,447	7,763	7,983
2. Public health	1,934	3,452	3,038	3,867	6,118	8,730	10,903	10,495	8,411	11,284
3. Safety & convenience	..	..	..	..	..	..	..	..	..	..
4. Education	42	90	245	182	262	95	140	130	504	540
5. Public works	644	2,209	1,845	2,051	3,592	7,805	5,610	5,036	5,755	5,574
6. Miscellaneous	2,472	4,798	6,249	6,954	6,666	8,157	5,858	8,731	14,745	16,175
II. Repayment of loans	241	136	316	313	1,095	1,302	1,594	1,410	1,707	766
Total revenue expenditure	6,063	12,618	14,009	16,268	21,755	30,754	29,371	33,249	38,875	42,322
Total wages and salaries paid to all employees	2,506	3,260	7,227	7,776	10,599	15,351	15,483	17,445	18,244	19,827

(1) The Municipal Corporation of Cochin was established on 1-11-1967.

## LOCAL BODIES

Table 239-EXPENDITURE OF CORPORATIONS-contd.

(Rs. '000)

State/Local Body	Kerala-Trivandrum									
Year	1960-61	1965-66	1970-71	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
Head of Expenditure										
1	2	3	4	5	6	7	8	9	10	11
I. Ordinary Expenditure	1,818	3,276	5,629	6,434	7,064	15,362	11,174	18,775	30,167	46,815
1. General administration & collection of revenue	286	395	672	1,285	1,478	1,641	2,245	2,315	4,008	4,771
2. Public health	901	1,299	1,435	1,835	1,936	2,346	2,663	2,132	2,446	3,638
3. Safety & convenience	229	523	1,252	413	390	141	1,386	10	4,734	671
4. Education	11	28	158	323	330	346	351	148	498	466
5. Public works	287	714	1,670	2,021	1,853	1,083	1,094	3,919	6,519	14,515
6. Miscellaneous	104	317	342	557	1,077	9,605	3,435	10,251	16,222	22,754
II. Repayment of loans	71	243	119	338	172	285	285	108	1,954	1,782
Total revenue expenditure	1,889	3,519	5,748	6,772	7,236	15,647	11,459	18,883	32,121	48,597
Total wages and salaries paid to all employees	1,012	1,637	3,419	7,350	7,707	8,310	9,689	8,163	11,301	15,107

State/Local Body	Madhya Pradesh-Bhopal(1)									
Year	1967-68	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
Head of Expenditure										
1	2	3	4	5	6	7	8	9	10	11
I. Ordinary Expenditure	3,470	..	17,780	30,955	60,327	65,053	60,482	70,353	87,062	117,525
1. General administration & collection of revenue	599	..	3,025	8,652	11,422	12,310	13,401	17,187	21,377	27,018
2. Public health	1,183	..	5,372	9,575	18,004	18,694	20,107	22,217	29,601	34,250
3. Safety & convenience	344	..	1,203	2,800	1,801	1,885	3,831	4,898	7,804	8,145
4. Education	-	..	-	-	..	..	..	..	..	..
5. Public works	1,344	..	8,180	9,928	11,733	13,854	6,593	11,974	11,416	29,175
6. Miscellaneous	..	..	-	-	17,367	18,310	16,550	14,077	16,864	18,937
II. Repayment of loans	200	..	1,196	2,355	1,919	445	-	-	-	-
Total revenue expenditure	3,670	..	18,976	33,310	62,246	65,498	60,482	70,353	87,062	117,525
Total wages and salaries paid to all employees	1,913	..	7,432	16,969	30,365	32,547	36,996	41,568	5,473	61,300

(1) The Bhopal Municipal Corporation was established on 26-8-1967.

## LOCAL BODIES

Table 239-EXPENDITURE OF CORPORATIONS-contd.

(Rs.'000)

State/Local Body		Madhya Pradesh-Gwalior									
Year		1960-61	1965-66	1970-71	1975-76	1980-81	1984-85	1985-86	1986-87	1987-88	1988-89
Head of Expenditure											
1		2	3	4	5	6	7	8	9	10	11
I. Ordinary Expenditure		2,600	4,341	7,810	16,216	24,731	36,541	45,100	54,872	66,057	78,264
1. General administration & collection of revenue		200	1,405	1,900	4,634	5,646	6,813	8,534	10,174	11,192	10,859
2. Public health		1,200	1,805	2,914	4,788	7,609	13,470	14,891	16,996	19,049	21,004
3. Safety & convenience		100	251	490	1,079	1,807	2,438	3,314	2,791	3,667	3,471
4. Education		-	-	-	-	-	-	-	-	-	-
5. Public works		300	856	1,965	4,720	6,458	7,219	12,202	15,165	23,408	23,736
6. Miscellaneous		300	24	541	995	3,211	6,601	6,159	9,746	8,741	19,194
II. Repayment of loans		200	196	72	60	151	379	156	-	-	-
Total revenue expenditure		2,800	4,537	7,882	16,276	24,882	36,920	45,256	54,872	66,057	78,264
Total wages and salaries paid to all employees		1,700	2,497	4,394	9,245	14,405	24,907	29,542	33,323	35,961	49,473

State/Local Body		Madhya Pradesh-Indore									
Year		1960-61	1965-66	1970-71	1975-76	1980-81	1984-85	1985-86	1986-87	1987-88	1988-89
Head of Expenditure											
1		2	3	4	5	6	7	8	9	10	11
I. Ordinary Expenditure		5,215	7,473	19,589	33,885	68,028	90,556	131,013	122,412	123,993	159,884
1. General administration & collection of revenue		1,019	1,471	3,590	5,753	9,758	19,288	23,422	26,434	31,736	42,096
2. Public health		1,457	2,239	4,634	7,665	12,775	23,662	25,458	28,735	31,285	37,079
3. Safety & convenience		-	-	-	-	-	-	-	-	-	-
4. Education		-	-	-	-	-	-	-	-	-	-
5. Public works		1,921	3,518	5,569	10,925	12,321	11,829	13,087	21,787	24,619	28,863
6. Miscellaneous		818	245	5,796	9,542	33,174	35,777	69,046	45,454	36,353	51,846
II. Repayment of loans		428	209	225	5,287	3,180	48	29	334	49	223
Total revenue expenditure		5,643	7,682	19,814	39,172	71,208	90,604	131,042	122,746	124,042	160,107
Total wages and salaries paid to all employees		3,445	4,927	9,356	17,312	27,166	51,725	58,388	63,738	74,647	95,575

## LOCAL BODIES

Table 239-EXPENDITURE OF CORPORATIONS-contd.

(Rs.'000)

State/Local Body		Madhya Pradesh-Jabalpur									
Year											
Head of Expenditure		1960-61	1965-66	1970-71	1975-76	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
1		2	3	4	5	6	7	8	9	10	11
I. Ordinary Expenditure		6,237	7,136	19,724	23,661	27,941	32,356	37,942	43,717	47,259	60,944
1. General administration & collection of revenue		598	970	1,807	3,290	3,620	4,067	4,304	4,948	5,633	9,036
2. Public health		3,416	3,278	5,400	10,098	15,450	18,398	21,195	25,376	27,643	34,552
3. Safety & convenience		307	354	561	1,025	1,396	1,563	2,152	3,012	2,870	3,430
4. Education		1,289	558	741	1,205	1,708	2,011	2,183	2,203	2,423	3,019
5. Public works		568	1,561	820	6,057	4,388	4,880	6,284	6,084	6,425	8,441
6. Miscellaneous		59	415	1,395	1,986	1,379	1,437	1,824	2,094	2,265	2,466
II. Repayment of loans		78	383	1,392	1,264	3,954	4,442	4,698	5,704	3,414	6,386
Total revenue expenditure		6,315	7,519	12,116	24,925	31,895	36,798	42,640	49,421	50,673	67,330
Total wages and salaries paid to all employees		2,705	3,124	8,082	10,910	15,491	18,155	20,206	22,673	27,082	34,994

State/Local Body		Madhya Pradesh-Raipur(1)									
Year											
Head of Expenditure		1967-68	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
1		2	3	4	5	6	7	8	9	10	11
I. Ordinary Expenditure		4,767	5,623	14,175	22,541	37,955	39,930	38,315	39,009	47,740	58,819
1. General administration & collection of revenue		1,644	1,155	2,630	2,715	3,770	4,641	4,752	5,709	6,015	8,463
2. Public health		1,872	1,873	3,537	11,570	13,410	15,983	17,300	15,046	19,955	25,403
3. Safety & convenience		260	1,279	4,051	1,102	1,292	1,665	2,081	2,367	3,144	3,252
4. Education		821	783	1,468	2,421	3,604	5,920	5,656	5,774	5,929	9,107
5. Public works		37	222	1,592	3,402	14,107	8,841	5,578	6,115	8,574	8,939
6. Miscellaneous		133	311	897	1,331	1,772	2,880	2,948	3,998	4,123	3,655
II. Repayment of loans		153	..	761	2,390	5,434	2,953	2,219	1,883	2,488	1,586
Total revenue expenditure		4,920	5,623	14,936	24,931	43,389	42,883	40,534	40,892	50,228	60,405
Total wages and salaries paid to all employees		2,340	3,206	6,290	11,447	21,556	21,556	25,517	24,214	26,705	38,949

(1) The Raipur Municipal Corporation was established on 1-4-67.

## LOCAL BODIES

Table 239-EXPENDITURE OF CORPORATIONS-contd.

(Rs.000)

State/Local Body	Madhya Pradesh-Ujjain										
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1984-85	1985-86	1986-87	1987-88	1988-89	
Head of Exp- enditure	1	2	3	4	5	6	7	8	9	10	11
I. Ordinary Expenditure	1,313	1,562	2,363	6,160	11,191	9,769	10,826	9,303	10,520	13,082	
1. General administrat- ion & collection of revenue	92	102	486	738	962	1,339	1,358	1,372	1,410	1,814	
2. Public health	76	296	276	442	341	1,470	1,560	1,845	2,036	2,199	
3. Safety & conveni- ence	115	140	279	448	478	1,331	1,350	1,304	1,697	1,525	
4. Education	..	..	..	52	244	127	139	106	151	173	
5. Public works	294	600	1,067	3,939	1,329	4,284	4,458	3,323	3,368	4,572	
6. Miscella- neous	736	424	455	541	7,837	1,218	1,961	1,353	1,858	2,799	
II. Repayment of loans	151	220	276	62	1,989	364	378	309	618	678	
Total revenue expenditure	1,464	1,782	2,839	6,222	13,180	10,133	11,204	9,612	11,138	13,760	
Total wages & salaries paid to all employees	519	1,414	2,490	4,139	7,832	14,162	15,068	16,309	19,938	22,109	

State/Local Body	Maharashtra-Bombay										
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88	
Head of Exp- enditure	1	2	3	4	5	6	7	8	9	10	11
I. Ordinary											
Expenditure	19,609	224,371	410,022	1,111,854	1,606,650	2,499,079	3,094,064	3,194,832	3,851,480		4,240,811
1. General administrat- ion & collection of revenue	6,097	13,095	19,134	55,890	62,880	100,673	113,136	132,922	162,844		191,620
2. Public health	54,565	95,654	168,511	223,365	509,870	756,128	776,477	931,961	1,031,584		1,135,619
3. Safety & convenie- nce	5,347	32,502	42,247	406,526	273,838	492,224	518,889	557,455	638,768		735,675
4. Education	15,118	50,444	92,078	194,440	309,944	489,979	612,947	588,223	732,934		793,305
5. Public works	7,590	29,946	51,733	111,440	272,838	423,324	419,632	515,736	618,861		710,230
6. Miscella- neous	30,892	2,730	36,319	120,193	177,280	236,751	655,983	468,535	666,489		674,362
II. Repayment of loans	38,785	78,174	125,222	46,483	266,227	347,623	361,845	411,507	485,208		548,873
Total revenue expenditure	158,394	302,545	535,244	158,337	1,872,877	2,846,702	3,455,909	3,606,339	4,336,688		4,789,684
Total wages & salaries paid to all employees	56,929	131,413	244,719	486,928	899,467	1,488,419	1,814,129	2,130,976	2,225,894		2,800,925

## LOCAL BODIES

Table 239-EXPENDITURE OF CORPORATIONS-contd.

(Rs.'000)

State/Local Body	Maharashtra-Nagpur										
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88	
Head of Expenditure											
1	2	3	4	5	6	7	8	9	10	11	
I. Ordinary Expenditure	23,045	19,281	33,050	73,521	150,156	281,678	275,583	259,233	319,107	360,777	
1. General administration & collection of revenue	1,858	2,441	5,335	12,672	19,899	28,832	41,414	33,778	60,375	70,641	
2. Public health	11,812	9,126	18,256	26,181	71,164	144,551	101,049	113,327	126,014	145,410	
3. Safety & convenience	698	845	959	2,831	4,420	8,281	9,594	16,950	14,103	22,275	
4. Education	4,257	3,648	5,975	10,578	19,965	32,354	37,088	47,583	46,867	55,888	
5. Public works	3,083	1,689	1,408	17,359	29,647	53,277	67,945	45,674	63,158	65,330	
6. Miscellaneous	1,337	1,532	1,117	3,900	5,061	13,883	18,493	1,921	8,590	1,233	
II. Repayment of loans	305	363	5,757	2,651	7,699	1,030	26,677	33,603	38,460	43,311	
Total revenue expenditure	23,350	19,444	38,807	76,172	157,855	282,708	302,260	292,836	357,567	404,088	
Total wages and salaries paid to all employees	8,175	10,951	17,910	41,038	63,034	99,301	104,816	134,546	144,463	170,860	

State/Local Body	Maharashtra-Poona										
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88	
Head of Expenditure											
1	2	3	4	5	6	7	8	9	10	11	
I.Ordinary Expenditure	14,067	27,463	53,780	121,356	177,170	278,475	310,694	410,879	481,886	526,868	
1.General administration & collection of revenue	2,341	2,408	5,011	15,892	26,280	40,233	50,110	62,602	70,194	86,796	
2.Public health	5,019	8,424	11,410	28,808	38,647	51,998	59,898	76,472	89,779	100,314	
3.Safety & convenience	883	563	10,416	19,178	22,663	36,266	44,822	46,109	50,006	61,126	
4.Education	3,266	4,612	11,258	20,356	39,033	56,792	63,071	69,858	84,965	97,375	
5.Public works	2,078	939	10,974	27,856	40,132	57,555	48,243	83,615	122,339	114,056	
6.Miscellaneous	480	10,517	3,811	9,266	10,415	35,631	44,550	72,223	64,603	67,201	
II.Repayment of loans(1)	3,530	673	2,587	751	19,961	21,892	27,256	27,071	32,173	33,963	
Total revenue expenditure	17,597	28,136	56,367	122,107	197,131	300,367	337,950	437,950	514,059	560,831	
Total wages and salaries paid to all employees	6,477	9,274	18,040	43,049	81,411	122,384	135,911	176,277	192,745	196,882	

(1) Repayments of loans made from Sinking Fund are as follows:

Year	(Rs.'000)	Year	(Rs.'000)	Year	(Rs.'000)
1965-66	1,389	1970-71	2,022	1975-76	120

## LOCAL BODIES

Table 239-EXPENDITURE OF CORPORATIONS-contd.

(Rs. '000)

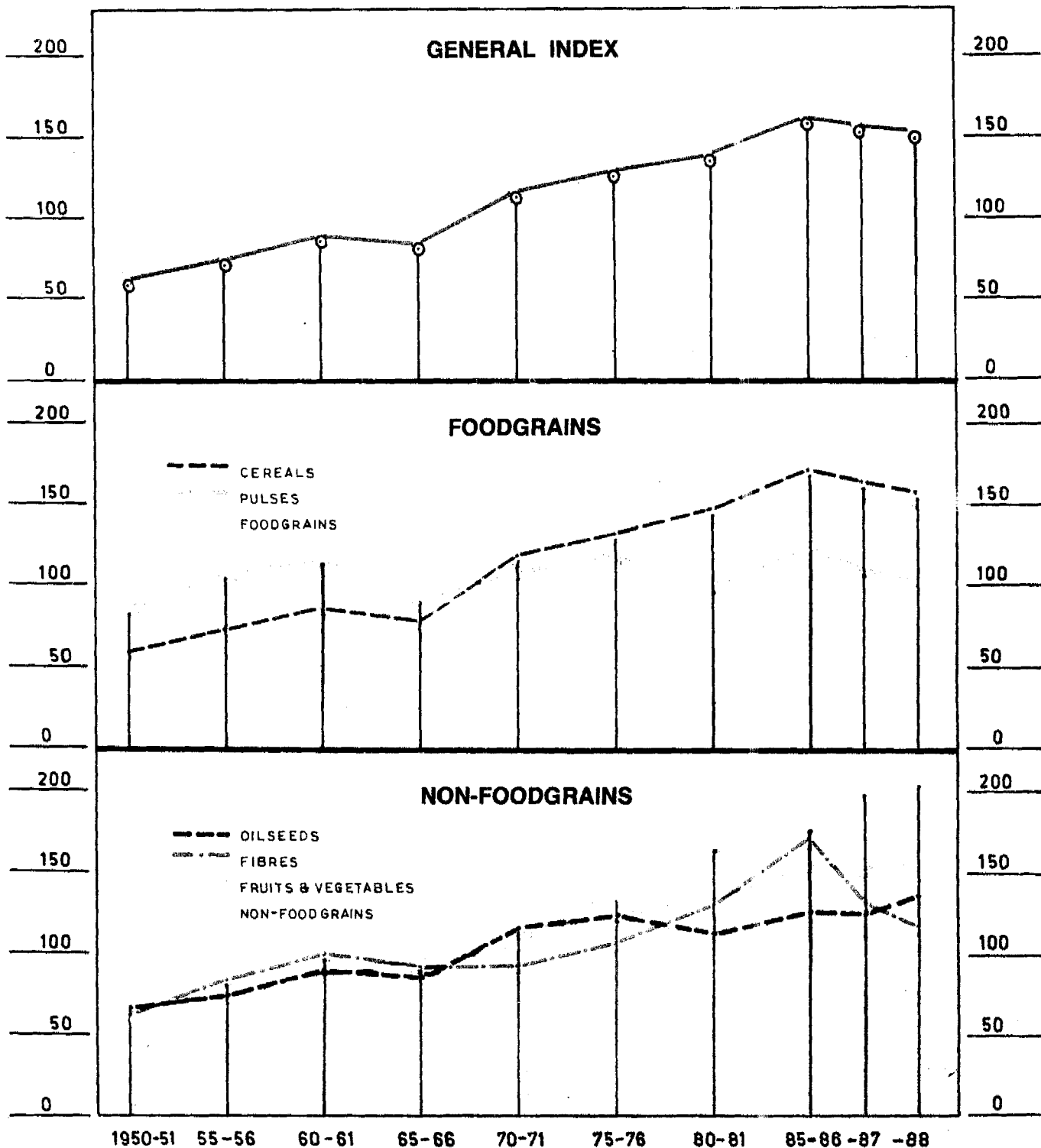
State/Local Body	Maharashtra-Sholapur(1)									
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1984-85	1985-86	1986-87	1987-88	1988-89
Head of Expenditure										
1	2	3	4	5	6	7	8	9	10	11
I. Ordinary Expenditure	10,492	9,798	19,922	30,035	50,244	123,663	136,227	138,204	155,985	158,263
1. General administration & collection of revenue	506	856	2,458	3,653	6,172	12,476	14,042	15,947	18,559	24,290
2. Public health	1,544	3,967	6,552	11,431	20,398	38,299	43,393	51,086	68,073	60,010
3. Safety & convenience	1,634	294	610	806	1,807	2,385	2,691	3,709	4,030	4,585
4. Education	1,785	2,154	3,385	8,987	13,656	32,349	32,828	34,070	36,728	47,547
5. Public works	552	304	1,053	1,644	3,607	7,352	9,625	9,982	10,433	10,825
6. Miscellaneous	4,471	2,223	5,164	3,514	4,804	30,802	33,648	23,410	18,162	11,006
II. Repayment of loans	372	-	522	2,060	6,675	14,281	18,340	20,699	26,947	28,489
Total revenue expenditure	10,864	9,798	19,744	32,095	56,919	137,944	154,567	158,903	182,932	186,752
Total wages and salaries paid to all employees	2,170	2,943	6,665	..	18,782	35,653	41,218	45,712	53,097	60,102

State/Local Body	Tamil Nadu-Madras									
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88
Head of Expenditure										
1	2	3	4	5	6	7	8	9	10	11
I. Ordinary Expenditure	41,828	76,023	120,722	..	..	342,944	402,612	500,244	546,174	638,502
1. General administration & collection of revenue	2,989	5,842	10,797	121,661	..	32,476	47,171	58,402	71,439	80,415
2. Public health	10,444	14,514	22,331	..	..	115,898	134,283	158,232	177,595	210,775
3. Safety & convenience	8,997	17,114	28,711	..	..	-	-	-	-	-
4. Education	6,155	13,329	22,483	23,880	..	91,057	107,931	143,409	146,493	159,514
5. Public works	8,958	16,175	23,899	..	..	103,513	113,227	140,201	150,647	187,798
6. Miscellaneous	4,285	9,049	12,501	..	..	-	-	-	-	-
II. Repayment of loans	2,426	3,822	6,600	..	..	37,135	39,920	41,388	44,803	50,514
Total revenue expenditure	44,254	79,845	127,322	286,313	420,320	380,079	442,532	541,632	590,977	689,016
Total wages and salaries paid to all employees	19,162	35,529	60,274	..	..	234,572	267,534	328,668	347,587	391,409

(1) The Sholapur Municipal Borough has been up-graded as Corporation w.e.f. 1.5.1964.

# INDEX NUMBERS OF AGRICULTURAL PRODUCTION

BASE: CROP YEAR TRIENNIUM ENDING 1969-70=100





## LOCAL BODIES

Table 239-EXPENDITURE OF CORPORATIONS-contd.

(Rs. '000)

State/Local Body	Uttar Pradesh-Agra									
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
Head of Expenditure										
1	2	3	4	5	6	7	8	9	10	11
I. Ordinary Expenditure	11,043	10,745	12,506	24,360	32,923	46,799	62,021	44,343	55,476	59,227
1. General administration & collection of revenue	618	886	1,167	2,355	4,648	4,453	5,945	4,937	6,008	6,129
2. Public health	2,783	442	6,823	14,310	19,812	1,961	27,608	25,654	11,127	31,472
3. Safety & convenience	275	581	540	749	1,948	1,750	2,017	783	1,669	1,323
4. Education	851	1,602	2,110	315	235	231	739	503	256	192
5. Public works	756	1,078	1,069	3,950	2,814	19,875	19,571	8,454	13,380	15,976
6. Miscellaneous	5,760	6,156	788	2,681	3,466	18,529	6,141	4,012	23,036	4,135
II. Repayment of loans	1,019	1,257	1,788	3,300	2,123	1,917	691	90	100	-
Total revenue expenditure	12,062	12,002	14,294	27,660	35,046	48,716	62,712	44,433	55,576	59,227
Total wages and salaries paid to all employees	..	..	..	..	..	..	..	..	..	..

State/Local Body	Uttar Pradesh-Allahabad									
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1982-83	1983-84	1984-85	1985-86	1986-87
Head of Expenditure										
1	2	3	4	5	6	7	8	9	10	11
I. Ordinary Expenditure	7,359	10,039	15,675	22,423	44,453	57,559	58,217	83,926	71,627	94,234
1. General administration & collection of revenue	399	168	265	339	4,838	5,842	5,880	7,531	7,590	9,621
2. Public health	1,398	1,939	2,541	7,534	18,921	26,075	25,629	34,424	35,580	46,107
3. Safety & convenience	1,964	1,986	3,490	6,293	3,163	4,069	4,383	7,271	5,736	5,410
4. Education	1,101	1,115	1,497	389	1,148	1,759	1,545	1,487	1,245	948
5. Public works	754	1,630	2,851	2,860	11,596	10,141	9,539	19,973	16,540	22,925
6. Miscellaneous	1,743	3,201	5,031	5,008	4,787	9,673	11,241	13,240	4,936	9,583
II. Repayment of loans	1,103	1,100	2,777	1,056	1,240	1,440	1,240	250	250	250
Total revenue expenditure	8,462	11,139	18,452	23,479	45,693	58,999	59,457	84,176	71,877	94,484
Total wages and salaries paid to all employees	3,580	6105	9,271	14,701	23,163	27,022	31,699	38,531	39,256	47,760

## LOCAL BODIES

Table 239-EXPENDITURE OF CORPORATIONS-contd.

(Rs.'000)

State/Local Body	Uttar Pradesh-Kanpur										
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1984-85	1985-86	1986-87	1987-88	1988-89	
Head of Expenditure											
1	2	3	4	5	6	7	8	9	10	11	
I.Ordinary Expenditure	16,701	25,032	34,943	61,723	105,363	175,084	197,189	246,145	284,397	291,178	
1.General administration & collection of revenue	1,185	1,663	2,246	5,062	8,240	14,918	16,168	17,429	19,729	24,068	
2.Public health	6,904	15,182	16,352	36,666	52,810	78,410	88,132	99,841	116,303	143,073	
3.Safety & convenience	898	1,661	2,107	5,030	13,107	19,868	20,461	23,584	25,008	24,175	
4.Education	3,064	6,009	8,110	3,306	5,999	10,592	11,854	12,894	14,136	17,806	
5.Public works	1,495	2,099	2,296	6,932	15,986	37,553	43,444	70,064	87,681	53,123	
6.Miscellaneous	3,155	2,018	3,832	4,727	9,221	13,743	17,130	22,333	21,540	28,933	
II.Repayment of loans	1,922	1,835	2,270	4,343	6,370	-	-	-	925	1,157	
Total revenue expenditure	18,623	26,867	37,213	66,066	111,733	175,084	197,189	246,145	285,322	292,335	
Total wages and salaries paid to all employees	..	14,386	22,126	31,946	53,053	88,725	95,179	101,818	140,643	183,061	

State/Local Body	Uttar Pradesh-Lucknow										
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1984-85	1985-86	1986-87	1987-88	1988-89	
Head of Expenditure											
1	2	3	4	5	6	7	8	9	10	11	
I.Ordinary Expenditure	8,845	11,920	18,680	29,778	46,712	71,017	79,128	91,964	103,992	141,085	
1.General administration & collection of revenue	808	1,500	1,992	3,171	7,155	11,943	12,889	18,202	17,460	20,950	
2.Public health	429	500	451	19,865	27,159	42,630	44,881	48,584	55,483	75,569	
3.Safety & convenience	696	1,300	11,220	2,771	5,701	6,443	7,714	8,760	8,727	18,673	
4.Education	1,713	2,220	3,373	770	1,235	1,962	2,185	2,390	2,807	3,642	
5.Public works	761	800	1,115	1,764	3,147	3,836	3,329	3,717	7,893	11,696	
6.Miscellaneous	4,438	5,600	529	1,437	2,315	4,203	8,130	10,311	11,622	10,555	
II.Repayment of loans	2,966	1,100	2,557	1,457	1,823	26	-	67	351	2,415	
Total revenue expenditure	11,811	13,020	21,237	31,235	48,535	71,043	79,128	92,031	104,343	143,500	
Total wages and salaries paid to all employees	..	..	12,123	17,480	31,151	56,044	58,374	65,487	76,772	97,206	

## LOCAL BODIES

Table 239-EXPENDITURE OF CORPORATIONS-contd.

(Rs.'000)

State/Local Body	Uttar Pradesh-Varanasi									
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88
Head of Expenditure										
1	2	3	4	5	6	7	8	9	10	11
I. Ordinary Expenditure	7,784	13,293	15,794	23,565	39,971	44,990	60,594	61,349	86,787	99,780
1. General administration & collection of revenue	769	993	1,160	2,190	4,213	5,863	7,628	8,167	9,600	10,891
2. Public health	2,312	3,438	4,782	10,846	20,352	25,179	35,251	31,586	42,088	50,872
3. Safety & convenience	340	725	736	1,071	3,333	4,544	2,974	3,832	7,942	5,370
4. Education	1,063	2,428	3,056	375	224	219	370	174	295	291
5. Public works	1,023	1,471	1,773	1,764	8,451	6,127	10,526	13,324	19,383	24,278
6. Miscellaneous	2,277	4,238	4,287	7,419	3,398	3,058	3,845	4,266	7,479	8,078
II. Repayment of loans	1,386	1,707	2,787	335	1,011	255	..	-	-	62
Total revenue expenditure	9,170	15,000	18,581	23,900	40,982	45,245	60,594	61,349	86,787	99,842
Total wages and salaries paid to all employees	4,115	6,514	8,532	13,101	22,770	31,035	41,296	39,990	43,742	65,421

State/Local Body	West Bengal-Calcutta									
Year	1960-61	1965-66	1970-71	1975-76	1978-79	1980-81	1981-82	1982-83	1983-84	1984-85
Head of Expenditure										
1	2	3	4	5	6	7	8	9	10	11
I. Ordinary Expenditure	67,978	85,765	140,286	196,942	251,186	340,445	408,577	468,885	567,850	544,722
1. General administration & collection of revenue	23,643	24,867	23,174	41,431	48,693	46,309	58,773	96,736	97,417	117,756
2. Public health	15,638	27,676	48,727	64,908	88,899	84,176	112,027	124,329	137,203	35,925
3. Safety & convenience	8,052	8,439	11,192	11,502	15,630	23,330	25,278	24,983	37,435	-
4. Education	3,217	4,658	8,461	14,700	16,813	19,695	24,636	26,183	28,911	31,500
5. Public works	2,881	4,555	43,389	61,228	79,411	122,058	139,382	143,014	159,492	358,666
6. Miscellaneous	14,547	15,570	5,343	3,173	1,740	44,877	48,481	53,640	107,392	875
II. Repayment of loans	5,039	5,615	7,560	3,243	2,192	9,242	1,550	1,609	30,023	-
Total revenue expenditure	73,017	91,380	147,846	200,185	253,378	349,687	410,127	470,494	597,873	544,722
	(a)	(b)								
Total wages and salaries paid to all employees	34,275	45,181	96,358	139,392	181,109	(c)	(c)	(c)	(c)	(c)

(a) Excludes Rs.11,60 thousands for contribution to special funds.

(b) Excludes Rs.800 thousands for contribution to special funds during 1965-66 (Prel A/C).

(c) Included in the respective Heads of Expenditure where the employees are attached.

## LOCAL BODIES

Table 239-EXPENDITURE OF CORPORATIONS-concld.

(Rs.'000)

State/Local Body	West Bengal-Chandernagore										
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1984-85	1985-86	1986-87	1987-88	1988-89	
Head of Expenditure	1	2	3	4	5	6	7	8	9	10	11
I.Ordinary Expenditure	1,110	1,730	3,061	4,912	9,513	12,298	14,285	16,945	20,711	19,947	
1.General administration & collection of revenue	89	177	259	858	788	1,431	1,572	1,757	1,815	2,039	
2.Public health	374	465	733	1,232	3,222	4,284	4,858	6,020	8,887	7,077	
3.Safety and convenience	44	50	231	352	113	73	596	391	372	214	
4.Education	527	817	1,417	1,804	3,967	5,807	6,320	7,296	7,598	8,504	
5.Public works	31	155	186	451	532	345	321	447	497	660	
6.Miscellaneous	54	66	235	215	1,391	358	618	1,034	1,542	1,453	
II.Repayment of loans	1	5	17	..	-	-	380	299	710	-	
Total revenue expenditure	1,111	1,735	3,078	4,912	9,513	12,298	14,665	17,244	21,421	19,947	
Total wages and salaries paid to all employees	801	1,066	2,028	2,936	6,772	9,756	11,292	13,272	14,340	16,435	

Union Territory	Delhi										
Year	1960-61	1965-66	1970-71	1975-76	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88	
Head of Expenditure	1	2	3	4	5	6	7	8	9	10	11
I. Ordinary Expenditure	62,604	104,764	242,138	408,158	719,535	1,046,660	1,306,288	1,419,842	1,842,893	2,112,180	
1. General administration & collection of revenue	2,414	5,073	10,713	14,843	23,609	39,665	40,029	47,453	71,687	83,068	
2. Public health	17,571	30,119	60,022	133,145	221,699	348,043	418,125	452,485	626,678	674,842	
3. Safety and convenience	166	307	447	1,366	594	1,072	1,346	1,447	2,832	3,053	
4. Education	17,805	26,368	62,961	121,479	200,507	307,937	341,424	423,956	455,173	618,516	
5. Public works	6,403	17,925	47,648	45,887	95,975	164,444	173,007	210,715	285,115	264,265	
6. Miscellaneous	18,245	24,972	60,347	91,438	177,151	185,499	332,357	283,786	401,408	468,436	
II. Repayment of loans	4,357	7,661	23,481	..	190	655	24,163	47,281	51,095	36,696	
Total revenue expenditure	66,961	112,425	265,619	408,158	719,725	1,047,314	1,330,451	1,467,123	1,893,988	2,148,876	
Total wages and salaries paid to all employees	34,243	62,616	135,914	279,812	455,047	742,472	839,832	1,012,757	1,125,706	1,520,588	

## LOCAL BODIES

Table 240- NUMBER AND COVERAGE OF VILLAGE PANCHAYATS, PANCHAYAT SAMITIES AND ZILLA PARISHADS

Year/State	Number of Panchayats	Number of Panchayats Samities	Number of Zilla Parishads	Number of villages covered under Pan- chayat Raj	Rural population covered by gram pan- chayats (lakhs)	Percentage of rural population covered by gram pan- chayats
1	2	3	4	5	6	7
1958-59	117,633	467	67	461,000	2,420	82.0
1960-61	193,527	1,449	133	482,000	3,250	92.0
1965-66	212,465	3,497	253	557,247	3,523	98.0
1970-71	219,119	3,339	231	564,307	3,507	98.0
1975-76	221,802	4,024	252	584,432	4,418	99.0
1980-81	216,051	4,521	291	690,746	4,618	98.0
1983-84	..	..	..	..	..	..
1984-85	200,533 (a)	3,858 (b)	345 (c)	599,867	5,211	99.6
1985-86(P)	222,005 (a)	4,522 (b)	357 (c)	600,422	5,251	99.6
1987-88(P)	223,029	4,567	349	600,464	5,256	99.6
1987-88						
State:						
Andhra Pradesh	19,550	330	22	29,293	410	100
Assam	714	-	31 (d)	20,799	172	96
Bihar	11,653	589	39	76,488	612	100
Gujarat	13,059	182	19	18,550	235	100
Haryana	5,790	102	-	7,064	101	100
Himachal Pradesh	2,597	67	-	18,843	43	100
Jammu & Kashmir(2)	1,469	-	-	6,900	47	100
Karnataka	8,373	175	19	29,390	264	100
Kerala	1,001	-	-	1,219	207	100
Madhya Pradesh	18,801	459	45	76,603	416	100
Maharashtra(3)	24,600	298	29	39,345	408	100
Manipur	166	9	-	672	6	43
Meghalaya(1)	..	..	..	..	..	..
Nagaland(1)	..	..	..	..	..	..
Orissa	4,388	314	-	51,639	233	100
Punjab	10,953	118 (f)	12 (f)	12,795	121	100
Rajasthan	7,351	237	27	37,124	271	100
Sikkim	138	-	-	440	3	100
Tamil Nadu	13,267	378 \$	24	16,696	359	100
Tripura	698	-	-	864	22	100
Uttar Pradesh	73,914	895	56	112,566	909	100
West Bengal(3)	3,305	339	15	38,047	395	98
Union Territory:						
A & N Islands	43	-	-	183	1	70
Arunachal Pradesh	781	58	10	3,096	6	100
Chandigarh	21	1	1	22	-	100
D & N Haveli	10	-	-	72	1	100
Delhi	191	5 (e)	-	258	5	100
Goa, Daman & Diu	196	-	-	462	7	100
Lakshadweep(1)	..	..	..	..	..	..
Mizoram(1)	..	..	..	700	4	100
Pondicherry	-	11	-	334	-	-

Source: Department of Rural Development, Ministry of Agriculture

- (1) There are no Panchayat Raj Institutions. However, there are traditional councils of village elders in these states/UT, out of which 622 are in Mizoram and 980 are in Nagaland.
- (2) Figures relate to 1981-82. (3) Figures relate to 1982-83.
- (a) Excludes 8373 Gram Panchayats of Karnataka, which are under Administrators control, 107 Panchayats of Manipur, which have been dissolved and 13097 Panchayats of Tamil Nadu, which have been superseded.
- (b) Excludes 175 Panchayats samities of Karnataka, which are under Administrator's control, 6 Panchayat samities of Manipur, which have been dissolved, 118 Panchayat samities of Punjab, which have been superseded and 378 Panchayat samities of Tamil Nadu, which have also been superseded.
- (c) Excludes 12 Zilla Parishads of Punjab which are under supersession.
- (d) At sub-divisional level. (e) Non-statutory body.
- (f) Under supersession. However Administrators have been appointed to look after functioning of these

## ***ELECTORAL STATISTICS***

**T**his section provides results of the election to both Houses of the Parliament and to the State Legislative Assemblies and Councils, bringing out broadly the salient features of the electorate in the country.

Under the Indian Constitution there shall be a Parliament for the Union of India consisting of the President and two houses to be known respectively as the Council of States (Rajya Sabha) and the House of People (Lok Sabha). Similarly in each State there shall be a legislature consisting of either one House known as the Legislative Assembly (Vidhan Sabha) or two houses known as the Legislative Council (Vidhan Parishad) and the Legislative Assembly (Vidhan Sabha). The election to the House of People and to the Legislative Assemblies of every State shall be on the basis of Universal adult suffrage; that is to say every person who is a citizen of India and has attained the age of 18 years, if not otherwise disqualified, shall be entitled to be a voter at any such election.

The Legislative Assembly of each State is to be composed of members chosen by direct election. The total number of members in the legislative Assembly of State shall not in any case be more than 500 or less than 60. While Special Provisions have been made to provide for 40 seats in the Legislative Assemblies of the states of Goa and Mizoram respectively. Similarly for the Union Territory of Pondicherry provision has been made in the constitution to provide for 30 seats in the Legislative Assembly. The strength of the electoral college of the Union Territories is laid down in the provisions of the Representation of the People Act, 1950.

Representation in the Legislative Council of each State, where there is such a Council will be confined to Local Authorities, University Graduates and Teachers, Nominees of the Government and elected representatives of the Legislative Assembly.

### Tables 241 and 243

These two tables show the number of voters and seats in each State for the purpose of election to the House of People and the Legislative Assemblies respectively.

In these two tables, column 3 shows total number of electors (voters) in all constituencies whereas column 4 shows the number of votes polled. The percentage of votes polled to total votes in contested constituencies is shown in column 6. This indicates the extent to which the voters exercised their franchise. The difference between "votes polled" and "valid votes polled" shows the number of votes which were polled either wrongly or were rejected.

### Table 242

This table is being introduced to depict the composition/allocation of seats in the Rajya Sabha.

### Table 244

This table shows the number of seats in the Legislative Councils and the number of constituencies in the State Legislative Council for the purpose of the election.

### Table 245

This table shows Statewise number of valid votes polled, percentage of valid votes polled and seats won according to parties for the Election to the Lok Sabha in 1984.

### Table 246

This table gives the Statewise expenditure incurred on (i) preparation of electoral rolls and (ii) conduct of election for Election to the Lok Sabha in 1984.

## ELECTORAL STATISTICS

Table 241-ELECTION TO THE LOK SABHA(House of People)

Year/State	Number of seats	Number of electors	Number of votes polled	Number of valid votes polled (col.4 to col.3)	Percentage of votes polled
1	2	3	4	5	6
1952 (a)	489 DV	231,996,701	105,944,495	105,944,495	45.67
	CE	171,747,300	80,709,202		46.99
	TE	173,213,635			
1957 (b)	494 DV	258,616,533	123,461,815	120,513,915	47.74
	CE	190,918,329	91,329,866		47.84
	TE	193,652,069			
1962 (c)	494 CE	215,051,233	119,904,315	115,168,890	55.76
	TE	216,372,215			
1967 (c) (d)	520 CE	249,003,334	152,724,611	145,866,510	61.33
	TE	250,597,445			
1971	518 CE	274,079,516	151,536,802	146,602,276	55.29
	TE	274,094,493			
1977	542 CE	320,928,417	194,263,915	188,917,504	60.53
	TE	321,174,327			
1980	542 CE				
	527 @ TE	356,205,946	202,752,893	197,824,274	56.92
1984-85	542 CE	400,119,657	256,303,963	249,885,334	64.06
	TE	400,375,331			
State:					
Andhra Pradesh	42	33,546,487	23,136,116	22,909,046	68.97
Assam	14	10,097,661	7,815,702	7,468,235	77.40
Bihar	54	43,341,090	25,484,520	25,018,744	58.80
Gujarat	26	18,843,760	10,916,331	10,577,661	57.93
Haryana	10	7,725,946	5,163,799	5,073,407	66.84
Himachal Pradesh	4	2,314,024	1,422,000	1,394,839	61.45
Jammu & Kashmir	6	3,400,010	2,258,113	2,188,156	66.41
Karnataka	28	21,102,484	13,857,272	13,506,997	65.67
Kerala	20	14,276,072	11,011,029	10,893,011	77.13
Madhya Pradesh	40	28,143,638	16,190,117	15,589,773	57.53
Maharashtra	48	36,359,537	22,451,250	21,827,627	61.75
Manipur	2	1,014,071	869,614	841,212	85.75
Meghalaya	2	751,283	409,212	399,364	54.47
Nagaland	1	594,062	394,820	388,464	66.46
Orissa	21	14,943,456	8,407,165	8,166,907	56.26
Punjab	13	10,737,064	7,232,374	6,932,890	67.36
Rajasthan	25	20,117,285	11,465,051	11,188,257	56.99
Sikkim	1	149,256	86,024	82,646	57.64
Tamil Nadu	39	30,958,080	22,591,943	21,614,003	72.98
Tripura	2	1,208,967	943,814	918,160	78.07
Uttar Pradesh	85	62,335,043	34,788,786	34,082,161	55.81
West Bengal	42	32,955,643	25,907,790	25,391,382	78.61
Union Territory					
A. & N. Islands	1	115,565	91,093	88,968	78.82
Arunachal Pradesh	2	319,049	240,762	226,546	75.46
Chandigarh	1	229,291	158,050	156,143	68.93
Dadra & Nagar Haveli	1	54,066	40,331	38,380	74.60
Delhi	7	3,496,781	2,254,869	2,223,983	64.48
Goa, Daman & Diu	2	586,656	421,257	408,568	71.81
Lakshadweep	1	21,964	19,105	19,023	86.98
Mizoram	1	Uncontested			
Pondicherry	1	381,366	275,654	270,781	72.28

Source: Election Commission of India

(a) The first General Election in the country was held from October, 1951 to March, 1952. At that time there were three types of constituencies, single member, two member and three member, number of votes polled are not available for General Election 1952, and as such number of valid votes have been indicated in column (4).

(b) In the second General Election, there were two types of constituencies- single member and two member. The figure 123,461,815 includes number of votes polled in two member constituencies.

(c) In the third and subsequent General Elections, all constituencies are single member.

(d) Excluding one seat for North East Frontier Tract filled by nomination.

@ Out of 542 seats only 527 seats were filled. Poll was not held in 12 constituencies in Assam, 1 constituency each of Meghalaya, Ladakh ( J. & K.) and Mandi (Himachal Pradesh).

DV- Votes in contested constituencies including two/three votes for each elector in two/three member constituencies. CE- Electors in the contested constituencies only. TE-Total Electors.

## ELECTORAL STATISTICS

Table 242-COMPOSITION/ALLOCATION OF SEATS IN THE RAJYA SABHA

Year/States/ Union Territories	Number of	
	All members*	Women members
1	2	3
1952	216	15
1958	232	22
1964	238	21
1970	240	14
1976	244	24
1978	244	25
1980	244	29
1982	244	24
1984	244	24
1986	244	28
1988	245	26
State:		
Andhra Pradesh	18	1
Arunachal Pradesh	1	1
Assam	7	1
Bihar	22	2
Goa	1	-
Gujarat	11	-
Haryana	5	-
Himachal Pradesh	3	-
Jammu & Kashmir	4	-
Karnataka	12	2
Kerala	9	-
Madhya Pradesh	16	4
Maharashtra	19	5
Manipur	1	-
Meghalaya	1	-
Nagaland	1	-
Orissa	10	1
Punjab	7	-
Rajasthan	10	1
Sikkim	1	-
Tamil Nadu	18	2
Tripura	1	-
Uttar Pradesh	34	2
West Bengal	16	1
Union Territory:		
Delhi	3	-
Mizoram	1	-
Pondicherry	1	-
Nominated	12	3

Source: Rajya Sabha Secretariat

\* Figures include 12 members nominated by the President of India.



## ELECTORAL STATISTICS

Table 243-ELECTIONS TO THE VIDHAN SABHAS  
(State Legislative Assemblies)

Year/State	Number of seats	Number of electors	Number of votes polled	Number of valid votes polled (col.4 to col.3)	Percentage of votes polled (col.4 to col.3)
1	2	3	4	5	6
1952(a)	3,283 DV- CE TE-	230,696,391 170,881,923 172,121,948	103,801,199 79,108,455	103,801,199 79,108,455	45.10 46.29
1957(b)	2,906 DV CE- TF-	243,510,779 177,128,066 179,133,387	116,244,689 86,269,316	113,217,311	47.74 48.70
1962	2,855 CE TF	196,640,779 197,485,529	110,683,769	104,946,596	56.29
1967(c)	3487 CE TE	247,104,213 250,247,161	151,793,713	143,256,509	61.43
1968-69(d)	1,278 TE-	106,479,426	61,206,108	59,409,050	57.48
1970 (Kerala)	133 TE	10,169,467	7,634,451	7,529,936	75.07
1971(e)	654 TE-	56,483,781	34,984,195	33,489,238	61.94
1972(f)	2,757 TE	195,790,003	109,421,896	106,052,920	56.03
1974(g)	722 CE- TE-	62,921,455 62,932,027	35,539,467	43,315,862	56.48
1975 (Gujarat)	182 TE-	13,982,248	8,402,069	8,059,752	60.39
1977(h)	2,671 CF- TE-	228,401,395 228,406,814	124,353,838	121,902,538	54.42
1978(i)	1,052 CF TE	86,320,098 86,335,305	60,574,326	58,889,134	70.17
1979-80(j)	2,589 CE TE	260,913,839 261,099,116	140,242,445	137,702,528	53.75
1982(k)	652	52,972,914	39,638,859	38,948,948	74.83
1983(l)	694	56,385,755	38,107,245	37,238,744	67.58
1983 (Assam)(m)	126*(CE TE	7,284,812 7,582,972	2,385,190	111,100	32.74
1983(J & K) (n)	76	3,101,665	2,271,809	2,197,117	73.24
1984-85 (o)	3,131 CE TE	345,311,448 345,446,121	200,300,591	195,689,957	57.98
1987(p)	700	64,455,682	49,174,919	48,443,518	76.29
1988(q)	120	1,343,066	1,151,658	1,136,405	87.75

Source: Election Commission

## ELECTORAL STATISTICS

Table 243-ELECTIONS TO THE VIDHAN SABHAS-contd.  
(State Legislative Assemblies)

- (a) The first General Election in the country was held from October, 1951 to March, 1952. At that time, there were three types of constituencies, single member, two member and three member.
- (b) In Second General Election 1957, there were two types of constituencies- single member and two member. Figure 116,244,689 includes number of votes polled in two member constituencies.
- (c) Including three seats allotted to Naga Hills District where the constituencies failed to elect any member.
- (d) Figures relate to mid-term General Election to the Legislative Assembly of Haryana which went to poll in 1968 and Bihar, Nagaland, Punjab, Uttar Pradesh, West Bengal and Pondicherry which went to poll in 1969.
- (e) This includes figures for Orissa, Tamil Nadu and West Bengal which went to poll in 1971.
- (f) This includes figures for Andhra Pradesh, Assam, Bihar, Gujarat, Haryana, Himachal Pradesh, J. & K., Karnataka, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Punjab, Rajasthan, Tripura, West Bengal, Delhi, Goa, Daman & Diu and Mizoram.
- (g) This includes figures for Manipur, Nagaland, Orissa, Uttar Pradesh and Pondicherry which went to poll in 1974.
- (h) This includes figures for Bihar, Haryana, Himachal Pradesh, Jammu & Kashmir, Kerala, Madhya Pradesh, Nagaland, Orissa, Punjab, Rajasthan, Tamil Nadu, Tripura, Uttar Pradesh, West Bengal, Delhi (Metro), Goa, Daman & Diu and Pondicherry, which went to poll in 1977.
- (i) This includes figures for Andhra Pradesh, Assam, Karnataka, Maharashtra, Meghalaya, Arunachal Pradesh and Mizoram which went to poll in 1978.
- (j) In 1979-80, 16 States/Union Territories went to poll i.e. Bihar, Gujarat, Kerala, Madhya Pradesh, Maharashtra, Manipur, Orissa, Punjab, Rajasthan, Sikkim, Tamil Nadu, Uttar Pradesh, Arunachal Pradesh, Goa, Daman & Diu, Mizoram and Pondicherry.
- (k) This includes figures for Haryana, Himachal Pradesh, Kerala, Nagaland and West Bengal which went to poll in 1982.
- (l) This includes figures for Andhra Pradesh, Karnataka, Meghalaya, Tripura and Delhi which went to poll in 1983.
- (m) The figures are exclusive of figures in respect of one Assembly Constituency where the poll was countermanded and 16 Assembly Constituencies where poll was adjourned.
- (n) The figures are excluding figures for 48-Doda Assembly Constituency.
- (o) Figures in respect of all 18 states (Andhra Pradesh, Assam, Bihar, Gujarat, Himachal Pradesh, Madhya Pradesh, Maharashtra, Manipur, Orissa, Punjab, Rajasthan, Sikkim, Tamil Nadu, Uttar Pradesh, Arunachal Pradesh and Goa, Daman and Diu, Karnataka, and Pondicherry).
- (p) The General Election to the Haryana, Jammu and Kashmir, Kerala, Mizoram, Nagaland and West Bengal Legislative Assemblies held in 1987.
- (q) This includes figures for Meghalaya and Tripura which went to poll in 1988.

CE-Total Electors for 105 Contested Constituencies. TE-Total Electors for all 109 Constituencies including 4 uncontested constituencies.

DV- Votes in contested constituencies including 2/3 votes for each elector in 2/3 member constituencies.

CE- Electors in the contested constituencies only.

TE- Total electors.

## ELECTORAL STATISTICS

Table 244-NUMBER OF SEATS AND CONSTITUENCIES IN THE VIDHAN PARISHADS  
(State Legislative Councils)

Year	Date	State	Direct Elections								Indirect	Nomina-	Total
			Local Authorities	Graduates		Teachers		Total		Elec- tions	tions		
				By MLAs	By Govern- nor								
			C	S	C	S	C	S	C	S			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1952(1)	1-10-51	(7)	59	139	20	34	20	34	99	207	139	73	419
		1. Bihar	4	24	4	6	4	6	12	36	24	12	72
		2. Bombay	21	24	6	6	6	6	33	36	24	12	72
		3. Madras	9	24	2	6	2	6	13	36	24	12	72
		4. Punjab	4	13	1	3	1	3	6	19	13	8	40
		5. Uttar Pradesh	6	24	2	6	2	6	10	36	24	12	72
		6. West Bengal	6	17	4	4	4	4	14	25	17	9	51
		7. Mysore	9	13	1	3	1	3	11	19	13	8	40
1953(2)	1-10-53	(7)	55	129	19	32	19	32	93	193	133	72	398
(2)	1-10-53	3. Madras	5	14	1	4	1	4	7	22	18	11	51
(3)	21-4-54	3. Madras	5	14	1	6	1	4	7	24	18	9	51
1954(3)	21-4-54	(7)	55	129	19	32	19	32	93	193	133	70	398
(4)	1-11-56	3. Madras	4	16	1	6	1	26	6	26	16	8	50
(5)	1-11-56	7. Mysore	+	18	+	4	+	4	+	26	18	8	52
1956(5)	1-11-56	(7)	+	136	+	35	+	33	+	204	136	69	409
1957(6)	3-12-57	(9)	47	257	21	64	20	64	88	385	264	95	744
(6)	3-12-57	1. Andhra Pradesh	6	31	3	8	3	8	12	47	31	12	90
	3-12-57	2. Bihar	4	34	4	8	4	8	12	50	34	12	96
	3-12-57	3. Bombay	8	36	4	9	3	9	15	54	42	12	108
(7)	1-10-59	4. Madhya Pradesh	6	31	2	8	2	8	10	47	31	12	90
(6)	3-12-57	5. Madras	4	21	1	6	1	6	6	33	21	9	63
	3-12-57	6. Mysore	5	21	2	6	2	6	9	33	21	9	63
	3-12-57	7. Punjab	3	17	1	4	1	4	5	25	18	8	51
	3-12-57	8. Uttar Pradesh	6	39	2	9	2	9	10	57	39	12	108
	3-12-57	9. West Bengal	5	27	2	6	2	6	9	39	27	9	75
1958(7)	3-12-57	(8)	41	226	19	56	18	56	78	338	233	83	654
1960(8)	1-5-60	(8)	54	212	18	54	17	54	89	320	221	83	624
(8)	1-5-60.	3. Maharashtra	21	22	3	7	2	7	26	36	30	12	78
1962	13-10-61	(8)	140	212	44	54	47	54	231	320	221	83	624
(9)	25-9-61	1. Andhra Pradesh	20	31	7	8	8	8	35	47	31	12	90
	25-9-61	2. Bihar	16	34	7	8	7	8	30	50	34	12	96
	25-9-61	3. Maharashtra	21	22	3	7	2	7	26	36	30	12	78
(10)	18-4-61	4. Madras	12	21	5	6	6	6	23	33	21	9	63
	18-4-61	5. Mysore	17	21	5	6	6	6	28	33	21	9	63
	18-4-61	6. Punjab	15	17	4	4	4	4	23	25	18	8	51
(11)	13-10-61	7. Uttar Pradesh	23	39	9	9	9	9	41	57	39	12	108
(9)	25-9-61	8. West Bengal	16	27	4	6	5	6	25	39	27	9	75
1967	1-11-66	(8)	139	209	43	53	56	53	228	315	217	81	613

Source: Election Commission of India

## ELECTORAL STATISTICS

Table 244—NUMBER OF SEATS AND CONSTITUENCIES IN THE VIDHAN PARISHADS—contd.  
(State Legislative Councils)

Year	Date	State	Direct Elections								Indirect Elections	Nominations	Total
			Local Authorities		Graduates		Teachers		Total		By MLAs	By Governor	
			C	S	C	S	C	S	C	S			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
(12)	1-4-65	1. Andhra Pradesh	20	31	7	8	8	8	35	47	31	12	90
(12)	1-4-65	2. Bihar	16	34	7	8	7	8	30	50	34	12	96
(12)	1-4-65	3. Maharashtra	21	22	3	7	2	7	26	36	30	12	78
(12)	1-4-65												
(13)	1-4-66	4. Madras	12	21	5	6	6	6	23	33	21	9	63
(14)	5-3-64												
(12)	1-4-65	5. Mysore	17	21	5	6	6	6	28	33	21	9	63
(12)	1-4-65	6. Punjab(17)	9	14	3	3	3	3	15	20	14	6	40
(15)	1-11-66												
(12)	1-4-65												
(12)	1-11-66	7. Uttar Pradesh	28	39	9	9	9	9	46	57	39	12	108
(16)	13-1-66												
(12)	1-4-65	8. West Bengal(8)	16	27	4	6	5	6	25	39	27	9	75
1970(19)	22-10-70	(6)	114	168	36	44	38	44	188	256	176	66	498
(12)	1-4-65	1. Andhra Pradesh	20	31	7	8	8	8	35	47	31	12	90
(20)	1-10-71	2. Bihar	16	34	7	8	7	8	30	50	34	12	96
(21)	22-10-70	3. Maharashtra	21	22	3	7	2	7	26	36	30	12	78
(12)	1-4-65	4. Mysore	17	21	5	6	6	6	28	33	21	9	63
(22)	14-1-69	5. Tamil Nadu	12	21	5	6	6	6	23	33	21	9	63
(23)	1-4-70	6. Uttar Pradesh	28	39	9	9	9	9	46	57	39	12	108
1972(19)	1-10-71	(6)	114	168	36	44	38	44	188	256	176	66	98
1974	29-5-74	(6)	115	168	36	54	39	44	190	256	176	66	498
(24)	18-9-73	1. Andhra Pradesh	21	31	7	8	8	8	36	47	31	12	90
(25)	25-9-74	3. Maharashtra	21	22	3	7	3	7	27	36	30	12	78
1975-78	27-12-75	(6)	115	168	36	44	40	44	191	256	176	66	498
(24)	18-9-73	1. Andhra Pradesh	21	31	7	8	8	8	36	47	31	12	90
(26)	1-8-75	2. Bihar	16	34	7	8	7	8	30	50	34	12	96
(27)	21-10-74	3. Karnataka	17	21	5	6	6	6	28	33	21	9	63
(28)	27-12-75	4. Maharashtra	21	22	3	7	4	7	28	36	30	12	8
(29)	1-2-74	5. Tamil Nadu	12	21	5	6	6	6	23	33	21	9	63
(30)	1-4-70	6. Uttar Pradesh	28	39	9	9	9	9	46	57	39	12	108
1980	18-9-73	1. Andhra Pradesh @	21	31	7	8	8	8	36	47	31	12	90
	1-8-75	2. Bihar	16	34	7	8	7	8	30	50	34	12	96
	21-10-74	3. Karnataka	17	21	5	6	6	6	28	33	21	9	63
	27-12-75	4. Maharashtra	21	22	3	7	4	7	28	36	30	12	78
	1-2-74	5. Tamil Nadu #	12	21	5	6	6	6	23	33	21	9	63
	1-4-70	6. Uttar Pradesh	28	39	9	9	9	9	46	57	39	12	108
		7. Jammu & Kashmir	6*	6*	-	-	-	-	6*	6*	22	8	36
			121*	174*	36	44	40	44	197*	262*	198	74	534
(31)	7-6-83	2. Bihar	31	34	8	8	8	8	47	50	34	12	96
(32)	9.9.87	2. Jammu & Kashmir	-	-	-	-	-	-	-	-	28	8	36
		3. Karnataka	17	21	5	6	6	6	28	33	21	9	63
		4. Maharashtra	21	22	7	7	7	7	35	36	30	12	78
		5. Uttar Pradesh	28	39	9	9	9	9	46	57	39	12	108
		6. Tamil Nadu	12	21	5	6	6	6	23	33	21	9	63

\* Including 4 (four) Panchayat Constituencies.

C = Constituencies

S = Seats

@ Abolished w.e.f. 1.6.1985

# Abolished w.e.f. 1.11.1986

## ELECTORAL STATISTICS

Table 244—NUMBER OF SEATS AND CONSTITUENCIES IN THE VIDHAN PARISHADS—concl'd.  
(State Legislative Councils)

Figures in bracket in column 3 indicate the number of Legislative Councils.

- (1) Election were conducted from October 1951 to March, 1952 on the basis of the seats allocated under Section 10 and the Third Schedule of the Representation of the People Act, 1950. The Council constituencies were delimited under the Delimitation of Council Constituencies Orders, 1951, as modified by the Parliament.
- (2) Seats and Constituencies for Madras were modified under Section 19 of the Andhra State Act, 1953 (30 of 1953) (16-9-1953).
- (3) Under Section 19(1)(c) of the Andhra State Act, 1953 w.e.f. 21-4-54, seats for Graduate Constituencies in Madras increased from 4 to 6 and those filled by nomination by the Government reduced from 11 to 9, keeping the total same i.e. 51.
- (4) Seats and Constituencies in Madras were modified by the Adoption of Law Order, 1956 (No. 3)
- (5) (i) Seats in Mysore were modified under Section 36(3) of the States Reorganisation Act, 1956 (13 of 1956) (31-8-1956) Council constituencies were to be delimited in Mysore under Section 36(4) of the Act by the Election Commission. (ii) 1956 Total excludes figures for Legislative Council of Madhya Pradesh which was to be constituted from such date as the President may by order appoint having the same number of seats i.e. 72. Such Council has not been constituted. (iii) Council Constituencies were also to be delimited by the Election Commission for the reorganised States of Bombay, Madhya Pradesh and Punjab.
- (6) Seats and Constituencies modified for all States including Madhya Pradesh by the Legislative Council Act, 1957 (37 of 1957) (3-12-1957).
- (7) (i) 1958 Total excludes figures for Madhya Pradesh, where Legislative Council has not yet been constituted. (ii) Reference date to administrative Units in Madhya Pradesh changed to 1-10-1959 vide Section 5 and Schedule of the Rajasthan and Madhya Pradesh (Transfer of Territories) Act, 1959 (47 of 1959).
- (8) Seats and Constituencies for Maharashtra modified by Section 22 and Schedule v of the Bombay Reorganisation Act, 1960 (11 of 1960) (1-5-1960).
- (9) Constituencies modified by the Delimitation of Council Constituencies Amendment Order, 1961 for Andhra Pradesh (GSR-1181), Bihar (GSR-1182), Maharashtra (GSR-1183) and West-Bengal (GSR-1184).
- (10) Constituencies modified by the Delimitation of Council Constituencies Amendment Order, 1961 for Madras (GSR-7), Mysore (GSR-568) and Punjab (GSR-569).
- (11) Constituencies modified by the Delimitation of Council Constituencies (Uttar Pradesh) Amendment Order 1961 (GSR-1273).
- (12) Reference date to administrative units changed to 1-4-1965 on 25-7-1965 for Andhra Pradesh (GSR-1057), Bihar (GSR-1058), Maharashtra (GSR-1059), Madras (GSR-1060), Mysore (GSR-1061), Punjab (GSR-1062), Uttar Pradesh (GSR-1063) and West Bengal (GSR-1064).
- (13) Reference date to administrative units changed to 1-11-1966 in Madras vide GSR-1097 dated 18-7-1966.
- (14) Name of Bangalore district substituted as "Bangalore" (Urban) and Bangalore (Rural) district vide GSR-421 dated 5-6-1964.
- (15) Seats and Constituencies substituted by Section 20 and 21 of the Punjab Reorganisation Act, 1966 (31 of 1966) of (18-9-1966).
- (16) Number of Local Authorities Constituencies increased from 23 to 28 in Uttar Pradesh vide the Delimitation of Council Constituencies (Uttar Pradesh) Amendment Order, 1966-GSR 589 (E) dated 13-1-1966.
- (17) Legislative Council of Punjab was abolished by Section 5 of the Punjab Legislative Council (Abolition) Act 1969 (46 of 1969) (w.e.f. 1-1-1970).
- (18) Legislative Council of West Bengal was abolished by Section 5 of the West Bengal Legislative Council (Abolition) Act, 1969 (20 of 1969) (w.e.f. 1-8-1969).
- (19) Figures for 1970 and 1972 excludes figures for the Legislative Councils of Punjab and West Bengal which were abolished on 7-1-1970 and 1-8-1969 respectively.
- (20) Reference to administrative units changed to 1-10-1971 in Bihar vide GSR(E) dated 30-12-1972.
- (21) The names of "North Satara and South Satara district" in Maharashtra changed to "Satara and Sangli" "Satara and Sangli" vide GSR 1821 dated 22-10-1970.
- (22) The name of "Madras" changed to "Tamil Nadu" on 14-1-1969 vide GSR-112 dated 13-1-1970.
- (23) Reference date administrative units changed to 1-4-1970 for Uttar Pradesh vide GSR-968 dated 25-6-1970.
- (24) Number of Local Authorities Constituencies in Andhra Pradesh increased from 20 to 21 vide Delimitation of Council Constituencies Andhra Pradesh) Amendment Order, 1973.
- (25) Number of Teachers Constituencies in Maharashtra were increased from 2 to 3 vide the Delimitation of Council Constituencies (Bombay) (Amendment) Order, 1974-GSR 249 (E) dated 29-5-1974.
- (26) Reference to reorganised district in Bihar as on 1-8-1975 incorporated vide the Delimitation of Council Constituencies (Bihar) Amendment Order, 1975 GSR 494 (E) dated 16-9-1975.
- (27) The name of "Mysore" changed to "Karnataka" vide GSR-431 (E) dated 21-10-1974.
- (28) Number of Teachers Constituencies were increased in Maharashtra from 3 to 4 vide the Delimitation Council Constituencies (Bombay) Amendment Order, 1975 vide GSR-589(E) dated 27-12-75.
- (29) Reference to reorganisation district as 1-2-1974 made vide GSR-114(E) dated 2-3-1974.
- (30) Reference to reorganised Divisions or districts as on 1-4-1970 made vide GSR-968, dated 26-6-1974.
- (31) Vide Notification No. GDR 468 (E) dated 7th June, 1983.
- (32) Vide Representation of the People (Amendment) act 1987.

## ELECTORAL STATISTICS

Table 245-ELECTION TO THE LOK-SABHA, 1984-VOTES POLLED, PERCENTAGE OF VOTES POLLED AND SEATS WON ACCORDING TO PARTIES

State/Union Territory	Total number of valid votes polled ('000)	National Parties								
		Indian National Congress(I)			Indian National Congress(S)			Communist party of India		
		Number of valid votes polled ('000)	% age of valid votes polled	Seats won	Number of valid votes polled ('000)	% age of valid votes polled	Seats won	Number of valid votes polled ('000)	% age of valid votes polled	Seats won
1	2	3	4	5	6	7	8	9	10	11
1.Andhra Pradesh	22,609	9,452	41.81	6	233	1.03	1	419	1.85	1
2.Assam	7,468	1,750	23.43	4	458	6.13	1	103	1.38	-
3.Bihar	25,019	12,970	51.84	48	163	0.65	-	2,063	8.24	2
4.Gujarat	10,578	5,632	53.24	24	-	-	-	10	0.10	-
5.Haryana	5,073	2,788	54.95	10	-	-	-	44	0.88	-
6.Himachal Pradesh	1,395	943	67.58	4	-	-	-	13	0.93	-
7.Jammu & Kashmir	2,188	661	30.23	3	-	-	-	-	-	-
8.Karnataka	13,507	6,974	51.63	24	-	-	-	136	1.01	-
9.Kerala	10,893	3,624	33.27	13	477	4.38	1	803	7.37	-
10.Madhya Pradesh	15,590	8,899	57.08	40	6	0.04	-	138	0.88	-
11.Maharashtra	21,828	11,183	51.24	43	2,640	12.10	2	208	0.95	-
12.Manipur	841	294	34.96	2	35	4.14	-	80	9.45	-
13.Meghalaya	399	249	62.42	2	-	-	-	15	3.68	-
14.Nagaland	388	251	64.64	1	-	-	-	-	-	-
15.Orissa	8,167	4,693	57.47	20	-	-	-	122	1.49	-
16.Punjab	6,933	2,879	41.53	6	-	-	-	266	3.89	-
17.Rajasthan	11,188	5,898	52.72	25	7	0.06	-	37	0.33	-
18.Sikkim	83	21	25.81	-	-	-	-	1	1.02	-
19.Tamil Nadu	21,614	8,756	40.51	25	-	-	-	738	3.41	-
20.Tripura	918	419	45.61	-	-	-	-	-	-	-
21.Uttar Pradesh	34,082	17,392	51.03	83	1	0.01	-	574	1.68	-
22.West Bengal	25,391	12,228	48.16	16	13	0.05	-	956	3.76	3
23.A. & N. Islands	89	47	52.85	1	-	-	-	-	-	-
24.Arunachal Pradesh	227	98	43.32	2	-	-	-	-	-	-
25.Chandigarh	156	103	66.02	1	-	-	-	-	-	-
26.D. & N. Haveli	38	15	40.31	-	-	-	-	-	-	-
27.Delhi	2,224	1,528	68.71	7	-	-	-	-	-	-
28.Goa, Daman & Diu	409	189	46.21	2	-	-	-	6	1.52	-
29.Lakshadweep	19	10	54.47	1	-	-	-	-	-	-
30.Mizoram	-	-	-	1*	-	-	-	-	-	-
31.Pondicherry	271	159	58.86	1	2	0.66	-	-	-	-
Total . . . . .	249,585	120,105	48.12	415	4,035	1.61	5	6,732	2.69	6

Source: Election Commission of India

\* Uncontested

## ELECTORAL STATISTICS

Table 245-ELECTION TO THE LOK-SABHA, 1984-VOTES POLLED, PERCENTAGE OF VOTES POLLED AND SEATS WON ACCORDING TO PARTIES-contd.

State/Union Territory	National Parties								
	Communist party of India (Marxist)			Janta Party			Bhartiya Janta Party		
	Number of valid votes polled ('000)	% age of valid votes polled	Seats won	Number of valid votes polled ('000)	% age of valid votes polled	Seats won	Number of valid votes polled ('000)	% age of valid votes polled	Seats won
1	12	13	14	15	16	17	18	19	20
1.Andhra Pradesh	402	1.78	1	274	1.21	1	502	2.22	1
2.Assam	256	3.43	-	265	3.55	-	28	0.37	-
3.Bihar	264	1.05	-	1,678	6.72	1	1,732	6.92	-
4.Gujarat	8	0.07	-	1,755	16.60	1	1,971	18.64	1
5.Haryana	-	-	-	73	1.44	-	382	7.54	-
6.Himachal Pradesh	-	-	-	50	3.59	-	325	23.27	-
7.Jammu & Kashmir	-	-	-	-	-	-	37	1.70	-
8.Karnataka	14	0.10	-	4,735	35.05	4	632	4.68	-
9.Kerala	2,426	22.27	1	232	2.13	1	191	1.76	-
10.Madhya Pradesh	-	-	-	426	2.74	-	4,676	29.99	-
11.Maharashtra	318	1.46	-	1,667	7.64	1	2,199	10.07	-
12.Manipur	-	-	-	-	-	-	59	6.96	-
13.Meghalaya	-	-	-	-	-	-	-	-	-
14.Nagaland	-	-	-	-	-	-	-	-	-
15.Orissa	148	1.81	-	2,612	31.98	1	96	1.18	-
16.Punjab	206	2.98	-	155	2.24	-	235	3.39	-
17.Rajasthan	20	0.18	-	433	3.87	-	2,650	23.69	-
18.Sikkim	-	-	-	1	0.73	-	-	-	-
19.Tamil Nadu	615	2.84	-	912	4.22	-	15	0.07	-
20.Tripura	463	50.47	2	-	-	-	7	0.77	-
21.Uttar Pradesh	-	-	-	1,223	3.59	-	2,186	6.42	-
22.West Bengal	9,120	35.92	18	5	0.02	-	101	0.40	-
23.A. & N. Islands	11	12.46	-	-	-	-	-	-	-
24.Arunachal Pradesh	-	-	-	10	4.21	-	-	-	-
25.Chandigarh	-	-	-	37	23.56	-	9	5.60	-
26.D. & N. Haveli	-	-	-	1	3.65	-	-	-	-
27.Delhi	-	-	-	74	3.32	-	419	18.85	-
28.Goa, Daman & Diu	2	0.44	-	12	3.05	-	12	3.04	-
29.Lakshadweep	-	-	-	-	-	-	-	-	-
30.Mizoram	-	-	-	-	-	-	-	-	-
31.Pondicherry	-	-	-	-	-	-	-	-	-
Total . . . . .	14,273	5.72	22	16,630	6.66	10	18,464	7.40	2

## ELECTORAL STATISTICS

Table 245-ELECTION TO THE LOK-SABHA, 1984-VOTES POLLED, PERCENTAGE OF VOTES POLLED AND SEATS WON ACCORDING TO PARTIES-concl'd.

State/Union Territory	Lok Dal Party LKD			State Parties			Registered Unrecognised Parties			Independent		
	Number of valid votes polled ('000)	% age of valid votes polled	Seats won	Number of valid votes polled ('000)	% age of valid votes polled	Seats won	Number of valid votes polled ('000)	% age of valid votes polled	Seats won	Number of valid votes polled ('000)	% age of valid votes polled	Seats won
1	21	22	23	24	25	26	27	28	29	30	31	32
1.Andhra Pradesh	-	-	-	10,133	44.82	30	-	-	-	1,194	5.28	1
2.Assam	47	0.63	-	310	4.15	1	-	-	-	4,255	56.93	8
3.Bihar	3,433	13.72	1	280	1.13	1	333	1.33	-	2,104	8.40	1
4.Gujarat	244	2.30	-	-	-	-	87	0.83	-	870	8.22	-
5.Haryana	969	19.10	-	532	10.49	-	-	-	-	284	5.60	-
6.Himachal Pradesh	15	1.05	-	4	0.27	-	-	-	-	46	3.31	-
7.Jammu & Kashmir	2	0.11	-	1,011	46.20	3	95	4.35	-	381	17.41	-
8.Karnataka	66	0.49	-	-	-	-	-	-	-	950	7.04	-
9.Kerala	186	1.71	-	1,657	15.21	4	-	-	-	1,296	11.90	-
10.Madhya Pradesh	170	1.09	-	-	-	-	-	-	-	1,275	8.18	-
11.Maharashtra	80	0.36	-	464	2.12	1	188	0.86	-	2,880	13.20	1
12.Manipur	7	0.84	-	149	17.71	-	-	-	-	218	25.94	-
13.Meghalaya	-	-	-	-	-	-	-	-	-	135	33.90	-
14.Nagaland	-	-	-	114	29.32	-	-	-	-	23	6.04	-
15.Orissa	84	1.03	-	-	-	-	19	0.23	-	393	4.81	-
16.Punjab	-	-	-	2,577	37.15	7	-	-	-	613	8.85	-
17.Rajasthan	1,256	11.23	-	124	1.11	-	-	-	-	762	6.81	-
18.Sikkim	-	-	-	-	-	-	-	-	-	60	72.44	-
19.Tamil Nadu	-	-	-	9,623	44.52	14	361	1.68	-	594	2.75	-
20.Tripura	-	-	-	-	-	-	-	-	-	29	3.15	-
21.Uttar Pradesh	7,376	21.64	2	534	1.56	-	423	1.24	-	4,373	12.83	-
22.West Bengal	3	0.01	-	2,283	8.99	5	197	0.77	-	487	1.92	-
23.A. & N. Islands	28	31.34	-	-	-	-	-	-	-	3	3.35	-
24.Arunachal Pradesh	-	-	-	78	34.63	-	-	-	-	40	17.84	-
25.Chandigarh	-	-	-	-	-	-	-	-	-	8	4.82	-
26.D. & N. Haveli	-	-	-	-	-	-	-	-	-	22	56.04	1
27.Delhi	116	5.21	-	5	0.24	-	-	-	-	81	3.66	-
28.Goa, Daman & Diu	5	1.31	-	83	20.34	-	-	-	-	98	24.09	-
29.Lakshadweep	-	-	-	-	-	-	-	-	-	9	45.53	-
30.Mizoram	-	-	-	-	-	-	-	-	-	-	-	-
31.Pondicherry	-	-	-	98	36.07	-	-	-	-	12	4.41	-
Total . . . . .	14,087	5.64	3	30,059	12.04	66	1,702	0.72	-	23,495	9.41	12

Note: Totals may not tally due to rounding off of the figures.



## ELECTORAL STATISTICS

Table 246-ELECTION TO THE LOK-SABHA 1984  
Expenditure Incurred

(Rs.'000)

State/Union Territory	Expenditure Incurred on		Total
	Preparation of Electoral Rolls	Conduct of Election	
1	2	3	4
1.Andhra Pradesh	1,921	76,064	77,985
2.Assam(*)	..	..	17,600
3.Bihar	19,811	167,900	187,711
4.Gujarat	5,560	26,000	31,560
5.Haryana	2,748	8,214	10,962
6.Himachal Pradesh	1,499	11,354	12,853
7.Jammu & Kashmir	1,100	140,570	141,670
8.Karnataka	12,600	30,000	42,600
9.Kerala	11,617	17,161	28,778
10.Madhya Pradesh	8,897	26,183	35,080
11.Maharashtra	4,311	70,037	74,348
12.Manipur	425	5,781	6,206
13.Meghalaya	2,519	2,354	4,873
14.Nagaland	900	4,763	5,663
15.Orissa	5,953	35,786	41,739
16.Punjab(*)	..	..	9,835
17.Rajasthan	3,804	52,205	56,009
18.Sikkim	93	956	1,049
19.Tamil Nadu	16,603	99,679	116,282
20.Tripura	1,300	4,231	5,531
21.Uttar Pradesh	23,345	42,479	65,824
22.West Bengal	59,229	68,557	127,786
23.A. & N. Islands	37	137	174
24.Arunachal Pradesh	600	3,050	3,650
25.Chandigarh	4	42	46
26.D. & N. Haveli	88	62	150
27.Delhi	4,355	2,700	7,055
28.Goa, Daman & Diu	776	1,172	1,948
29.Lakshadweep	7	78	85
30.Mizoram	104	205	309
31.Pondicherry	225	720	945

Source: Election Commission of India

(\*) The break-up of Figures for Assam and Punjab is not available.

Note: Totals may not tally due to rounding off of figures.

## ***FIVE YEAR PLANS***

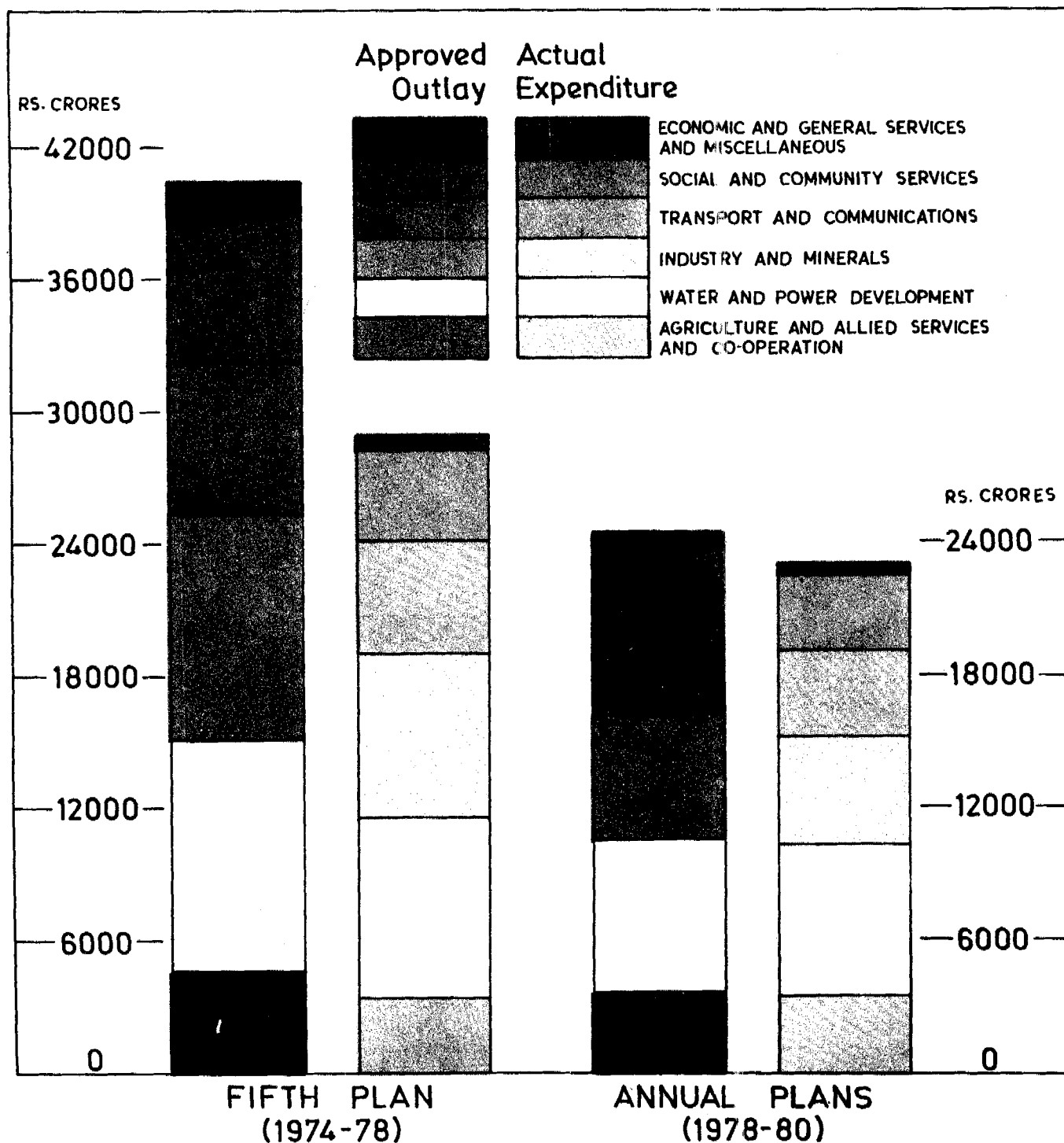
**P**lan Outlay/Expenditure for Public Sector: Table 247A presents figures of plan outlay and expenditure for Fifth, Sixth and Seventh plan periods and also during the Annual plans, 1978-1980, 1985-86, 1986-87, 1987-88 and 1988-89. Tables 247B, 247C and 247D provide the corresponding State-wise figures for the Seventh plan and Annual plans 1988-89 and 1987-88.

Table 248

Targets and achievements during Fifth Plan, Annual Plans 1978-80 and Sixth plan are given in table 248A, and table 248B gives targets and achievements during Seventh Plan and Annual Plans 1985-86, 1986-87, 1987-88 and 1988-89 for important items under the major heads of development.

# PLAN OUTLAY AND EXPENDITURE BY HEADS OF DEVELOPMENT (PUBLIC SECTOR)

## PART-I



## FIVE YEAR PLANS

Table 247A -PLAN OUTLAY/EXPENDITURE FOR PUBLIC SECTOR  
(By Heads of Development)

(Rs.crores)

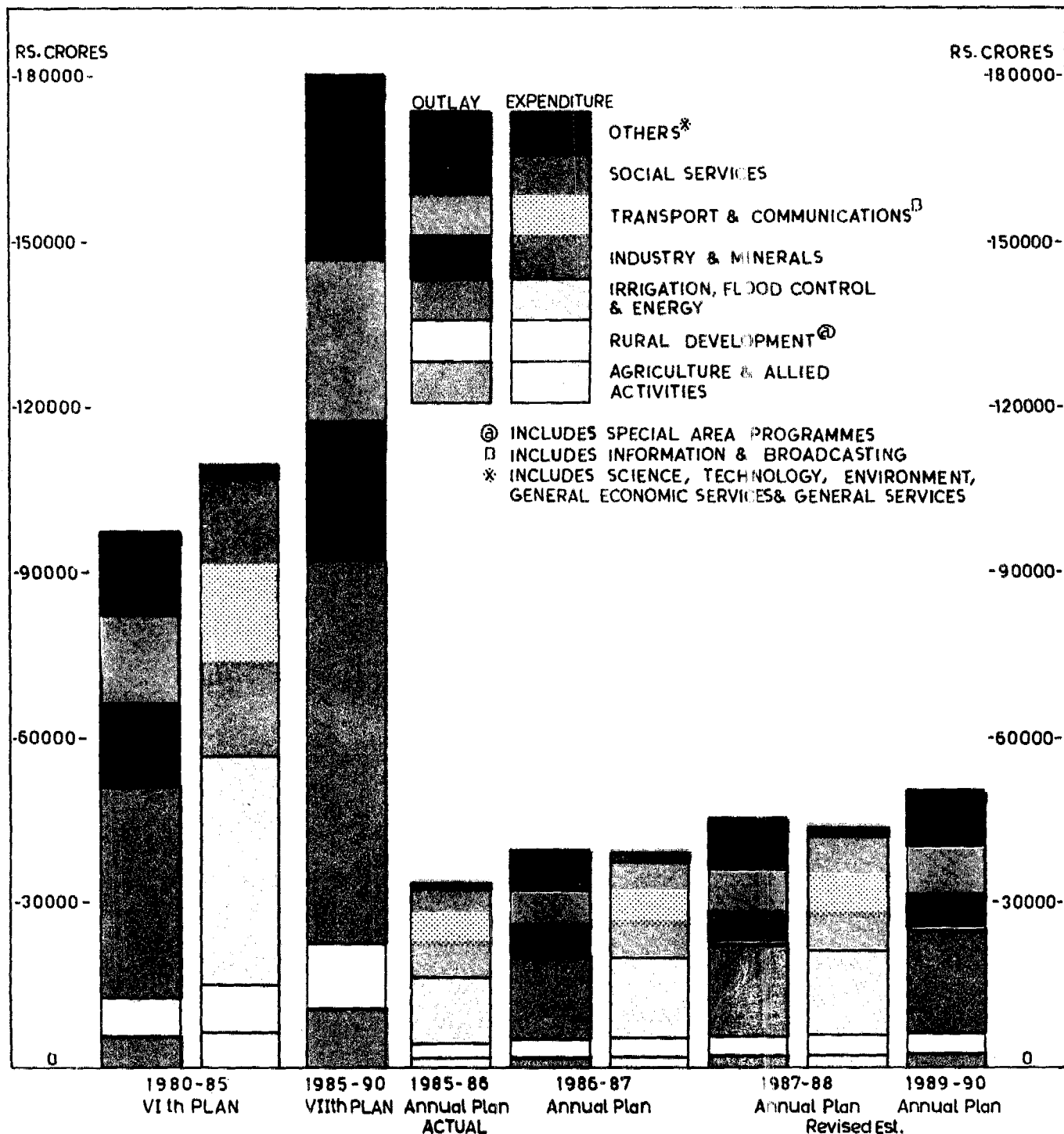
Heads of Development	Fifth Plan (1974-78)		Annual Plans (1978-80)	
	Approved outlay	Actual expen- diture	Approved outlay	Actual expen- diture
1	2	3	4	5
Central Government . . . . .	21,032	13,893	12,075	10,558
1. Agriculture and Allied Services and Co-operation . . . . .	1,904	1,267	1,839	1,514
2. Water and Power Development . . . . .	908	618	679	671
3. Industry and Minerals . . . . .	9,327	6,555	5,006	4,398
4. Transport and Communications . . . . .	5,504	3,826	2,982	2,697
5. Social and Community Services . . . . .	3,389	1,541	1,468	1,215
6. Economic and General Services and Miscellaneous . . . . .		86	101	63
States and Union Territories . . . . .	19,368	14,926	12,205	12,383
1. Agriculture and Allied Services and Co-operation . . . . .	2,752	2,174	1,757	2,010
2. Water and Power Development . . . . .	9,542	7,582	6,361	6,039
3. Industry and Minerals . . . . .	874	716	480	559
4. Transport and Communications . . . . .	1,381	1,302	959	1,132
5. Social and Community Services . . . . .	3,382	2,631	2,101	2,266
6. Economic and General Services and Miscellaneous . . . . .	1,438	520	547	377
GRAND - TOTAL . . . . .	40,400	28,819	24,280	22,941

Source: Planning Commission

Note: For information on earlier plans, refer to 1985 and earlier issues of the publication.

# PLAN OUTLAY AND EXPENDITURE BY HEADS OF DEVELOPMENT (PUBLIC SECTOR)

## PART-II



## FIVE YEAR PLANS

Table 247A-PLAN OUTLAY/EXPENDITURE FOR PUBLIC SECTOR-contd.  
(By Heads of Development)

(Rs.crores)

Heads of Development	Sixth Plan(1980-85)		Seventh Plan(1985-90)		
	Plan Outlay	Actual Expenditure	Plan Outlay 1985-90*	1985-86	
				Plan Outlay	Actual Expenditure
1	6	7	8	9	10
Central Government	47,250	57,825	95,534	18,500	19,115
1.Agriculture and Allied Activities	2,450	3,055	4,057	918	746
2.Rural Development	2,315	3,085	4,902	918	1,235
3.Special Area Programmes	-	-	-	-	-
4.Irrigation and Flood Control	635	492	835	169	123
5.Energy	11,995	17,401	31,492	6,569	6,210
6.Industry and Minerals	12,771	14,287	18,553	4,023	4,666
7.Transport	8,419	9,772	16,459	2,728	2,964
8.Communications, Information and Broadcasting	3,102	3,414	6,366	1,072	942
9.Science, Technology and Environment	848	984	2,303	417	381
10.Social Services	4,453	5,159	10,351	1,646	1,731
11.Others	261	176	216	40	119
States and Union Territories	50,250	51,467 (a)	84,466	13,739	13,944 (b)
1.Agriculture and Allied Activities	3,245	3,568	6,517	1,080	1,080
2.Rural Development	3,049	3,912	4,173	739	991
3.Special Area Programmes	1,480	1,580	3,145	540	447
4.Irrigation and Flood Control	11,525	10,438	16,144	2,613	2,670
5.Energy	14,540	13,350	23,329	3,618	3,469
6.Industry and Minerals	2,246	2,664	3,908	640	772
7.Transport	3,993	4,436	6,512	1,089	1,108
8.Communications, Information and Broadcasting	32	55	107	15	-
9.Science, Technology and Environment	17	33	163	27	24
10.Social Services	9,582	10,757	19,000	3,140	3,127
11.Others	540	672	1,471	237	256
GRAND - TOTAL	97,500	109,292	180,000	32,239	33,060

(a) Excludes Rs. 1,175.51 crores for Central Assistance for relief against natural calamities.

(b) Excludes Rs. 361.19 crores for Central assistance for relief from natural calamities.

(\*) Based on Plan head classification as given in the Seventh Plan Document. Figures for 1985-86, 1986-87, 1987-88 and 1988-89 are based on revised classification adopted from 1.4.1987.

Note: Totals may not tally due to rounding off of the figures.

## FIVE YEAR PLANS

Table 247A-PLAN OUTLAY/EXPENDITURE FOR PUBLIC SECTOR-contd.  
(By Heads of Development)

(Rs.crores)

Heads of Development	Seventh Plan(1985-90)- contd.				
	1986-87		1987-88		1988-89
	Plan Outlay	Actual Expenditure	Plan Outlay	Expenditure (R.E)	Plan Outlay
1	11	12	13	14	15
Central Government	22,300	22,402	25,042	25,701	28,715
	22,300	22,402	25,042	25,701	28,715
1.Agriculture and Allied Activities	911	865	912	1,157	1,078
2.Rural Development	1,504	1,618	1,651	1,744	1,762
3.Special Area Programmes	-	-	-	-	-
4.Irrigation and Flood Control	157	171	167	174	217
5.Energy	7,565	7,367	7,690	7,937	9,196
6.Industry and Minerals	4,506	4,637	4,716	4,912	4,789
7.Transport	3,856	3,848	4,796	4,639	5,572
8.Communications, Information and Broadcasting	897	1,085	1,229	1,503	1,820
9.Science, Technology and Environment	511	481	630	579	750
10.Social Services	2,246	2,158	3,011	2,842	3,268
11.Others	147	172	240	214	261
States and Union Territories	16,752	16,747	19,657	17,977	21,103
	16,752	16,747 (c)	19,657	17,977 (d)	21,103
1.Agriculture and Allied Activities	1,285	1,351	1,466	1,475	1,634
2.Rural Development	976	1,050	1,063	1,143	1,087
3.Special Area Programmes	597	628	697	662	772
4.Irrigation and Flood Control	3,035	3,051	3,595	3,172	3,641
5.Energy	4,441	4,091	5,309	4,316	5,651
6.Industry and Minerals	807	927	919	882	1,000
7.Transport	1,280	1,354	1,448	1,372	1,529
8.Communications, Information and Broadcasting	2	1	2	1	2
9.Science, Technology and Environment	35	31	40	37	45
10.Social Services	3,867	3,744	4,576	4,415	5,029
11.Others	426	521	543	503	712
GRAND - TOTAL	39,052	39,149	44,698	43,678	49,818

(c) Excludes Rs.556.05 crores for Advance Plan assistance for natural calamities.

(d) Excludes Rs. 1,113.55 crores for central assistance for relief against natural calamities.

Note: Totals may not tally due to rounding off of the figures.

## FIVE YEAR PLANS

Table 247B-PLAN OUTLAY FOR PUBLIC SECTOR  
(By Heads of Development)  
States and Union Territories  
Outlay for Seventh Plan (1985-90)

(Rs.crores)

State/Union Territory	Agriculture and Allied Activities	Rural Development	Special Area Programmes	Irrigation and Flood Control	Energy	Industry and Minerals
1	2	3	4	5	6	7
State	6,248	4,143	3,145 (a)	15,950	22,786	3,786
Andhra Pradesh . . . .	279	272	..	1,488	1,106	313
Assam . . . .	306	129	10	334	487	103
Bihar . . . .	278	458	5	1,724	1,083	217
Gujarat . . . .	386	135	..	1,676	1,448	260
Haryana . . . .	277	48	15	595	1,013	57
Himachal Pradesh . . . .	232	37	..	75	264	27
Jammu & Kashmir . . . .	156	42	96	120	279	73
Karnataka . . . .	300	184	..	725	801	247
Kerala . . . .	317	125	6	384	399	208
Madhya Pradesh . . . .	434	306	..	1,976	2,660	165
Maharashtra . . . .	656	680	320	1,891	3,053	365
Manipur . . . .	57	19	..	78	36	24
Meghalaya . . . .	75	12	10	12	72	19
Nagaland . . . .	73	20	8	15	34	28
Orissa . . . .	240	203	..	696	789	140
Punjab . . . .	326	66	21	370	1,640	123
Rajasthan . . . .	181	147	..	797	880	191
Sikkim . . . .	49	4	..	16	35	9
Tamil Nadu . . . .	422	288	..	330	2,010	285
Tripura . . . .	74	30	..	48	48	16
Uttar Pradesh . . . .	787	604	26	2,200	3,403	601
West Bengal . . . .	345	335	69	400	1,249	316
Union Territory . . . .	269	30	..	194	543	122
A. & N. Islands . . . .	26	1	..	3	25	2
Arunachal Pradesh . . . .	84	8	..	26	37	10
Chandigarh . . . .	5	1	..	1	29	2
Dadra & Nagar Haveli . . . .	10	1	..	6	3	1
Delhi . . . .	25	5	..	69	369	64
Goa, Daman and Diu . . . .	33	4	..	70	36	16
Lakshadweep . . . .	12	2	..	1	4	2
Mizoram . . . .	50	4	..	9	28	13
Pondicherry . . . .	23	5	..	9	12	12

Source: Planning Commission

- (a) Includes provision of Rs.2,559 crores for Central funding of Special Area Development Programmes.  
(b) Includes Rs. 42 crores unallocated.



## FIVE YEAR PLANS

Table 247B-PLAN OUTLAY FOR PUBLIC SECTOR-contd.  
(By Heads of Development)  
States and Union Territories  
Outlay for Seventh Plan (1985-90)

(Rs.crores)

State/Union Territory	Transport	Communi- cations, Information and Broad- casting	Science, Technology and Environment	Social Services	Others	Total
1	8	9	10	11	12	13
State . . . .	5,773	99	157	17,183	1,428	80,698
					(b)	(a)(b)
Andhra Pradesh . . . .	273	13	10	1,386	61	5,200
Assam . . . .	166	3	5	498	60	2,100
Bihar . . . .	403	2	5	862	64	5,100
Gujarat . . . .	377	16	8	1,432	261	6,000
Haryana . . . .	201	5	17	550	123	2,900
Himachal Pradesh . . . .	173	1	1	214	29	1,050
Jammu & Kashmir . . . .	161	2	2	449	20	1,400
Karnataka . . . .	250	7	4	852	130	3,500
Kerala . . . .	183	5	21	407	47	2,100
Madhya Pradesh . . . .	353	3	23	1,071	8	7,000
Maharashtra . . . .	780	8	4	2,656	87	10,500
Manipur . . . .	73	1	3	121	18	430
Meghalaya . . . .	84	1	2	122	33	440
Nagaland . . . .	103	4	1	100	15	400
Orissa . . . .	194	3	4	387	46	2,700
Punjab . . . .	184	3	5	521	26	3,285
Rajasthan . . . .	140	2	8	630	25	3,000
Sikkim . . . .	47	0	1	63	7	230
Tamil Nadu . . . .	282	3	9	2,073	48	5,750
Tripura . . . .	53	1	3	161	6	440
Uttar Pradesh . . . .	1,078	13	15	1,678	42	10,447
West Bengal . . . .	217	6	7	951	231	4,125
Union Territory . . . .	739	7	5	1,817	42	3,768
A. & N. Islands . . . .	177	1	0	45	6	285
Arunachal Pradesh . . . .	128	1	0	104	3	400
Chandigarh . . . .	11	0	0	154	0	203
Dadra & Nagar Haveli . . . .	9	0	0	14	1	46
Delhi . . . .	271	2	2	1,187	7	2,000
Goa, Daman and Diu . . . .	55	1	2	134	9	360
Lakshadweep . . . .	9	1	0	12	1	44
Mizoram . . . .	60	1	0	82	14	260
Pondicherry . . . .	22	1	1	83	3	170

See footnotes on pre-page.

## FIVE YEAR PLANS

Table 247C-PLAN OUTLAY FOR PUBLIC SECTOR  
(By Heads of Development)  
States and Union Territories  
Outlay for 1988-89

(Rs.lakhs)

State/Union Territory	Agriculture and Allied Activities	Rural development	Special Area Programmes	Irrigation and Flood Control	Energy	Industry and Minerals	Transport and Communications	Science, Technology and Environment	Social Services	others	Total
1	2	3	4	5	6	7	8	9	10	11	12
State	181,087	108,377	8,111	362,690	543,449	98,196	139,583	4,414	468,547	69,645	1,964,250
Andhra Pradesh	6,406	6,699	14	30,000	21,500	6,200	10,345	201	39,505	4,130	125,000
Arunachal Pradesh	1,819	392	23	523	1,247	386	4,331	13	3,431	435	12,600
Assam	9,572	2,366	233	7,402	14,247	4,437	4,677	130	15,252	2,684	61,000
Bihar	8,946	11,627	1,210	43,750	44,104	7,650	11,140	328	21,815	9,430	160,000
Goa@	803	156	-	1,938	790	585	1,392	33	3,271	339	9,200
Gujarat	3,032	3,285	-	34,730	33,868	6,535	8,330	86	28,590	4,044	127,500
Haryana	5,345	1,123	275	10,226	18,323	1,050	3,221	168	19,010	1,258	60,000
Himachal Pradesh	5,038	994	-	1,761	5,815	715	3,965	34	6,463	1,215	26,000
Jammu & Kashmir	4,918	1,150	2,490	3,527	12,130	1,883	4,044	59	12,300	2,469	45,000
Karnataka	6,532	6,722	-	19,718	20,790	5,833	5,267	100	19,812	5,226	90,000
Kerala	6,750	2,186	100	7,950	10,277	5,300	4,701	450	11,307	979	50,000
Madhya Pradesh	12,769	7,371	-	39,625	55,545	6,538	6,757	1,130	34,341	6,097	170,200
Maharashtra	14,474	22,364	224	52,845	54,536	9,305	15,945	188	64,060	9,059	243,000
Manipur	1,640	362	-	2,022	1,045	668	1,606	78	3,426	1,403	12,250
Meghalaya	2,115	286	210	310	3,120	680	2,085	20	3,429	745	13,000
Mizoram	1,439	245	-	186	1,520	499	1,474	18	2,376	743	8,500
Nagaland	1,750	760	205	274	870	700	1,841	24	3,764	812	11,000
Orissa	7,991	5,059	-	19,313	22,483	5,253	5,255	123	14,520	3,503	83,500
Punjab	6,351	1,280	-	8,132	38,447	1,905	2,470	80	10,118	1,217	70,000
Rajasthan	4,944	3,475	95	15,240	20,846	3,522	3,075	76	18,138	1,589	71,000
Sikkim	1,070	94	-	210	1,185	254	1,310	19	1,899	259	6,300
Tamil Nadu	11,920	5,215	-	7,918	50,024	6,516	8,956	340	52,653	2,158	145,700
Tripura	2,588	850	250	1,116	1,680	839	1,298	82	4,454	1,242	14,400
Uttar Pradesh	21,732	19,068	1,306	43,912	79,057	11,295	20,338	517	51,611	5,164	254,000
West Bengal	6,215	5,252	1,476	10,035	30,000	9,648	5,910	117	23,002	3,445	95,100
Union Territory	2,296	333	-	1,446	21,686	1,833	13,332	103	34,372	1,597	77,000
A. & N. Islands	619	17	-	42	1,695	140	3,175	37	1,179	195	7,100
Chandigarh	85	30	-	20	792	35	285	15	3,333	65	4,660
Dadra & Nagar Haveli	284	21	-	43	125	36	185	1	243	51	990
Delhi	395	120	-	976	18,200	800	8,005	41	26,385	878	55,800
Lakshadweep	244	1	-	30	114	28	937	3	346	46	1,750
Pondicherry	566	140	-	238	617	698	635	6	2,380	219	5,500

Source: Planning Commission

@ Includes outlay for Daman and Diu.

Note: Totals may not tally due to rounding off of figures.

## FIVE YEAR PLANS

Table 247D-PLAN EXPENDITURE FOR PUBLIC SECTOR  
(By Heads of Development)  
States and Union Territories  
Expenditure for Annual Plan 1987-88

(Rs. lakhs)

State/Union Territory	Agriculture and Allied services	Rural development	Special area programmes	Irrigation and Flood control	Energy	Industry and minerals
	2	3	4	5	6	7
State	160,409	130,887	7,471	314,626	421,217	95,145
Andhra Pradesh	5,319	8,105	3	27,075	20,637	5,619
Arunachal Pradesh	1,727	127	46	558	1,055	215
Assam	8,923	2,507	268	7,240	12,691	3,411
Bihar	9,666	11,064	1,076	40,553	16,561	6,289
Goa	560	66	-	1,574	577	490
Gujarat	10,253	4,222	-	22,084	25,129	12,740
Haryana	4,511	1,378	200	11,490	14,742	835
Himachal Pradesh	4,177	980	-	1,547	7,898	865
Jammu & Kashmir	4,616	1,627	2,360	3,566	8,049	1,673
Karnataka	5,768	7,313	-	13,227	14,452	5,300
Kerala	5,103	2,147	67	6,060	6,209	4,222
Madhya Pradesh	10,752	8,019	-	33,352	43,142	5,053
Maharashtra	11,891	38,081	199	43,837	56,579	6,842
Manipur	1,200	438	-	1,899	941	552
Mizoram	1,354	140	-	139	1,122	367
Meghalaya	1,711	274	214	236	2,618	455
Nagaland	1,436	543	205	366	700	684
Orissa	8,471	6,008	-	19,054	13,527	4,513
Punjab	4,947	1,333	459	7,363	49,249	4,026
Rajasthan	4,014	3,081	65	13,512	20,657	2,637
Sikkim	923	107	-	210	1,096	296
Tamil Nadu	16,464	6,261	-	8,026	37,235	8,524
Tripura	2,213	1,092	137	1,161	1,820	647
Uttar Pradesh	28,985	19,332	835	41,376	44,715	12,386
West Bengal	5,425	6,642	1,337	9,121	19,816	6,504
Union Territory	2,064	292	-	1,450	19,321	2,178
A. & N. Islands	437	9	-	48	301	31
Chandigarh	82	30	-	26	722	34
Dadra & Nagar Haveli	245	13	-	93	87	22
Delhi	462	117	-	904	17,599	1,447
Daman and Diu	70	5	-	98	139	71
Lakshadweep	201	-	-	20	168	16
Pondicherry	568	119	-	261	364	557

Source: Planning Commission

Note: Totals may not tally due to rounding off of the figures.

## FIVE YEAR PLANS

Table 247D-PLAN EXPENDITURE FOR PUBLIC SECTOR-contd.  
(By Heads of Development)  
States and Union Territories  
Expenditure for Annual Plan 1987-88

(Rs.lakhs)

State/Union Territory	Transport and communications	Science, Technology and Environment	General Economic Services	Social Services	General Services	Total
1	8	9	10	11	12	13
State	130,348	3,209	24,020	331,096	33,941	1,702,519
Andhra Pradesh	11,375	168	309	32,640	1,071	112,321
Arunachal Pradesh	3,880	5	71	3,459	35	11,178
Assam	4,245	120	270	15,047	2,518	57,240
Bihar	9,134	60	5,984	17,380	1,717	119,484
Goa	1,179	21	164	3,132	1,109	8,872
Gujarat	7,950	30	3,552	24,180	20	110,160
Haryana	2,511	123	454	9,775	365	46,384
Himachal Pradesh	4,586	24	471	6,565	583	27,696
Jammu & Kashmir	3,915	38	1,984	12,088	602	40,518
Karnataka	1,264	73	3,497	14,500	1,816	70,210
Kerala	4,196	594	275	9,186	984	39,043
Madhya Pradesh	6,465	818	224	28,290	5,175	141,290
Maharashtra	12,808	94	94	46,742	1,880	219,047
Manipur	1,491	28	167	2,994	823	10,533
Meghalaya	1,842	22	139	2,699	825	11,035
Mizoram	1,461	14	482	2,074	113	7,266
Nagaland	1,653	15	147	2,669	1,107	9,525
Orissa	4,119	138	651	11,748	1,911	70,140
Punjab	2,902	59	83	8,100	511	79,032
Rajasthan	2,052	56	237	12,777	5,396	64,484
Sikkim	1,169	15	84	1,743	150	5,793
Tamil Nadu	7,057	204	539	42,279	1,069	127,658
Tripura	1,493	48	957	4,001	255	13,824
Uttar Pradesh	23,569	381	1,488	45,303	3,123	221,493
West Bengal	5,182	61	1,697	21,725	783	78,293
Union Territory	12,346	70	502	31,958	652	70,834
A. & N. Islands	2,248	25	35	1,188	74	4,394
Chandigarh	251	16	39	3,136	-	4,337
Dadra & Nagar Haveli	174	1	16	235	16	900
Delhi	7,970	26	147	24,781	402	53,855
Daman and Diu	173	-	153	325	35	1,068
Lakshadweep	997	1	23	226	8	1,599
Pondicherry	534	2	89	2,068	118	4,680

Note: Totals may not tally due to rounding off of the figures.

## FIVE-YEAR PLANS

Table 248A-PRINCIPAL TARGETS AND ACHIEVEMENTS  
(Fifth and Sixth Plans)

Item	Unit	Fifth plan (1974-78)		Annual plan (1978-80)		Sixth plan (1980-85)	
		Target	Achiev- ement	Target	Achiev- ement	Target	Achiev- ement
		(1977-78)	(1977-78)	(1979-80)	(1979-80)	(1984-85)	(1984-85)
1	2	3	4	5	6	7	8
<b>Agricultural Production</b>							
1. Foodgrains total	lakh tonnes	1,180	1,264	1,330	1,097	1,536	1,455
2. Rice	lakh tonnes	..	527	..	423	630	583
3. Wheat	lakh tonnes	..	317	..	318	440	441
4. Coarse cereals	lakh tonnes	..	300	..	270	321	312
5. Pulses, total	lakh tonnes	..	120	..	86	145	120
6. Oilseeds	lakh tonnes	108	90	109	84	130	130
7. Sugar cane(cane)	lakh tonnes	1,550	1,770	1,730	1,288	2,150	1,703
8. Cotton(lint)	lakh bales(1)	70	72	80	76	92	85
9. Jute and Mesta	lakh bales(2)	74	54	81	61	91	78
10. Tobacco	'000 tonnes	..	494	..	439	525	..
11. Tea(3)	'000 tonnes	..	556	..	552	..	..
12. Coffee	'000 tonnes	..	125	..	150	..	..
13. Rubber(3)	'000 tonnes	..	147	..	149	..	..
<b>Forest and Soil Conservation</b>							
14. Forest plantations	'000 hectares	..	1,221	..	222	2,148	..
15. Forest communications (roads)	kms.	..	#	..	56,931 (a)	7,500	..
<b>Co-operation</b>							
16. Primary Agricultural Credit Societies							
(i) Numbers	'000	..	116	#	95	90	..
(ii) Membership	lakhs	#	479	#	541	701	..
17. Agricultural credit disbursed-							
(i) Short & medium terms	Rs. crores	#	1,272	1,487	1,629	3,450	..
(ii) Long terms loans (outstanding)	Rs. crores	#	238	320	308	2,150	..
<b>Power</b>							
18. (i) Installed capacity	lakh KW	270	280	318	306	451	..
(ii) Energy generated	(crores KWH)	10,500	9,908	11,700	..	..	..
19. Towns and villa- ges electrified by population ranges	Total number according to 1971 Census						
Over 1,00,000	151	151	151	151	..	151	..
50,000 to 1,00,000	219	219	219	219	..	219	..
10,000 to 49,999	2,998	2,998	2,998	2,998	..	2,998	..
Up to 9,999	575,694	220,000	216,898	258,000	..	..	..
Total	579,062	223,368	220,266	261,368	..	..	..

Source: Planning Commission

(1) One bale= 170 kgs each. (2) One bale= 180 kgs each. (3) Relate to Calendar year.

(a) Cumulative. # Indicates that target was not fixed.

Note: For information on earlier plans, please refer to 1985 and earlier issues of the publication.

## FIVE YEAR PLANS

Table 248A-PRINCIPAL TARGETS AND ACHIEVEMENTS-contd.  
(Fifth and Sixth Plans)

Item	Unit	Fifth Plan (1974-78)		Annual Plan (1978-80)		Sixth Plan (1980-85)	
		Target	Achiev- ement	Target	Achiev- ement	Target	Achiev- ement
		(1977-78)	(1977-78)	(1979-80)	(1979-80)	(1984-85)	(1984-85)
1	2	3	4	5	6	7	8
20. Irrigation pump-sets/tubewells, energised	'000 nos.	3,300	3,309	3 639	..	..	..
Mining							
21. Coal (Including lignite)	lakh tonnes	1,285	1,010	1,162	1,040	1,730	1,552
22. Iron ore	,,	560	409	410	397	600	422
Industrial Production							
Metallurgical Industries							
23. Iron and steel							
(i) Steel ingots	lakh tonnes	113.2	97.8	93.5@	98.0	124.5@	83.0@
(ii) Finished steel	lakh tonnes	88.0	66.7	74.0@	59.0	97.1@	..
(iii) Pig iron for sale	lakh tonnes	25.0	..	17.0	..	15.2	11.2@
24. Aluminium	'000 tonnes	310	180	240	194	300	276
Mechanical Engg. Industries(4)							
25. Industrial machinery(4)							
(i) Cotton textile machinery (5)	Rs. crores	130	..	210	..	295	393
(ii) Cement machinery	Rs. crores	15	..	40	..	60	58
(iii) Sugar machinery	Rs. crores	40	..	37	..	70	44
(iv) Paper & pulp machinery	Rs. crores	28	..	28	-	42	20
(v) Steam boilers	Rs. crores	#	..	#	..	#	..
(vi) Machine tools (organised sector)	Rs. crores	130	..	38	..	250	303
26. Railway rolling stock and components							
(i) Locomotives							
(a) Diesel	nos.	160	..	150	..	210	140
(b) Electric	nos.	70	..	63	..	87	48

(4) Capacity for engineering industries is estimated on the basis of double shift operation.

(5) Including accessories.

@ Refers to integrated plants.

# Indicates that target was not fixed.

## FIVE YEAR PLANS

Table 248A-PRINCIPAL TARGETS AND ACHIEVEMENTS-contd.  
(Fifth and Sixth Plans)

Item	Unit	Fifth Plan (1974-78)		Annual Plans (1978-80)		Sixth Plan (1980-85)	
		Target	Achievement	Target	Achievement	Target	Achievement
		(1977-78)	(1977-78)	(1979-80)	(1979-80)	(1984-85)	(1984-85)
1	2	3	4	5	6	7	8
27. Automobile and ancillary industries-							
(i) Passenger cars	'000 nos.	32	..	35	..	48	74
(ii) Commercial vehicles	'000 nos.	60	..	60	58	105	97
(iii) Motor cycles & scooters (6)	'000 nos.	320	..	325	..	500	318
28. Ball and roller bearings	lakh nos.	340	..	350	..	640	46
29. Agricultural implements and machinery							
(i) Power driven pumps	'000 nos.	..	346	..	358	..	..
(ii) Diesel engines (stationary)	'000 nos.	..	134	..	147	..	..
(iii) Tractors	'000 nos.	55	..	58	..	100	85
30. Bicycles	lakh nos.	30	32	42	38	60	59
31. Sewing machines	'000 nos.	415	366	250	385	470	648
32. Ship Building Hindustan Shipyard	'000 GRT	130	..	70	..	140	..
Electrical Engineering Industries(4)							
33. Electric fans	lakh nos	25	34	43	39	66	48
34. Radio receivers	'000 nos.	..	1,881	..	1,958	..	..
Chemicals & Allied Industries							
35. Fertilisers							
(i) Nitrogenous	'000 tonnes	2,900	2,023	2,600	2,268	4,200	3,917
(ii) Phosphatic	..	770	647	850	756	1,400	1,264
36. Heavy chemicals							
(i) Sulphuric acid	..	2,700	2,056	2,300	2,191	3,600	..
(ii) Soda ash	..	710	572	625	542	850	817
(iii) Caustic soda	..	610	524	638	546	850	684

\*(4) Capacity for engineering industries is estimated on the basis of double shift operation.

(6) Including three-wheelers and mopeds.

## FIVE YEAR PLANS

Table 248A-PRINCIPAL TARGETS AND ACHIEVEMENTS-contd.  
(Fifth and Sixth Plans)

Item	Unit	Fifth Plan (1974-78)		Annual Plan (1978-80)		Sixth Plan (1980-85)	
		Target	Achievement	Target	Achievement	Target	Achievement
		(1977-78)	(1977-78)	(1979-80)	(1979-80)	(1984-85)	(1984-85)
1	2	3	4	5	6	7	8
47. Roads and Road Transport							
(i) Surfaced roads including national highways	'000 Kms.	..	596	..	648	..	..
(ii) Commercial vehicles on roads(12)	'000nos.	..	527	..	612	..	..
48. Shipping, total	'000 G R T	#	5,384	#	5,544	7,500	..
(i) Coastal	'000 G R T	#	406	#	249	500	..
(ii) Overseas	'000 G R T	#	4,978	#	5,295	7,000	..
Ports and Harbours							
49. Handling capacity (major ports)	crore tonnes	..	6.6	#	10.13	13.6	..
Posts and Telegraphs							
50. Post offices (Urban & rural)	'000 nos.	124	125	#	137	145	..
51. Telegraph offices	'000 nos.	15.9	18.0	#	26.2	44.3	..
52. Number of telephones	'000 nos.	2,296	2,247	#	2,615	4,344	..
Social Services (Education)							
53. Schooling facilities for children in different age groups-							
(i) Primary(6-11) enrolment	lakh	714.9	650.6	755.0	709.4	826.3	..
(ii) Middle(11-14) enrolment	lakh	185.3	181.5	212.0	187.0	258.4	..
(iii) Secondary(14-17) enrolment(@)	lakh	#	94.3	#	93.6	#	..
54. Institutions							
(a) Schools							
(i) Primary schools including Jr.basic	'000	#	462.6	#	478.3	#	..
(ii) Middle schools including senior basic	'000	#	110.04	#	114.7	#	..
(iii) High/Higher secondary schools	'000	#	45.5	#	46.0	#	..

(12) Data relate to registered Buses and Trucks (taxed/tax exempted).

(b) Additional.

(@) Includes enrolments in classes XI and XII in U.P. which are affiliated to U.P. Board.

# Indicates that target was not fixed.



## FIVE YEAR PLANS

Table 248A-PRINCIPAL TARGETS AND ACHIEVEMENTS-contd.  
(Fifth and Sixth Plans)

Item	Unit	Fifth Plan (1974-78)		Annual Plan (1978-80)		Sixth Plan (1980-85)	
		Target	Achievement	Target	Achievement	Target	Achievement
		(1977-78)	(1977-78)	(1979-80)	(1979-80)	(1984-85)	(1984-85)
1	2	3	4	5	6	7	8
<b>37. Drugs, pharmaceuticals &amp; pesticides-</b>							
(i) Sulpha drugs	tonnes	1,750	..	..	..	#	..
(ii) Penicillin	MMU	520	317	383	306	#	..
(iii) Streptomycin	tonnes	400	216	252	209	#	..
(iv) D.D.T.	'000 tonnes	4	..	4	..	10	7
<b>38. Rubber manufactures</b>							
(i) Automobile tyres	lakh nos.	80	51	75	61	115	115
(ii) Bicycle tyres	lakh nos.	300	285	420	299	340	312
<b>39. Paper and paper boards total</b>							
Newsprint	'000 tonnes	1,050	939	1,150	1,009	1,500	1,376
	'000 tonnes	80	..	60	..	150	201
<b>40. Cement</b>							
	lakh tonnes	208	194	220	176	345	302
<b>41. Petroleum products (7)</b>							
	million tonnes	27	..	27	..	35	36
<b>Textile Industry</b>							
<b>42. Cotton</b>							
(i) Yarn (8)	crore kgs	115	106	102	118	142	139
(ii) Cloth (mill made)	crore metres	480	..	430	..	490	342
<b>43. Jute</b>							
	'000 tonnes	1,280	1,065	1,200	1,338	1,500	1,368
<b>Food Industries</b>							
<b>44. Sugar (9)</b>							
	lakh tonnes	54	65	62	38	76	61
<b>45. Vanaspati</b>							
	'000 tonnes	610	572	700	626	900	945
<b>Transport and Communications</b>							
<b>46. Railways-Government</b>							
(i) Passenger train kilometre	lakh	#	2,881	#	2,898	#	..
(ii) Freight traffic tonnes (originating)	lakh tonnes	#	2,373	#	2,178	#	..
(iii) Route Kilo-metres (10)	'000 kms.	#	60.7	#	60.9	#	..
(iv) Route stock on line							
(a) Locomotives	'000 nos.	#	11.1	#	11.1	#	..
(b) Coaches (11)	'000 nos.	#	37.2	#	38.3	#	..
(c) Wagons (11)	'000 nos.	#	400.0	#	405.2	#	..
(v) Rolling stock procurements							
(a) Locomotives	'000 nos.	#	0.46	#	-0.80	#	..
(b) Coaches	'000 nos.	#	0.4	#	0.6	#	..
(c) Wagons	'000 nos.	#	2.3	#	3.3	#	..

(7) Including lubricants. (8) Include blended. (9) Relates to Crop Year October-September.

(10) Achievement figures include worked lines.

(11) Counting each vehicle/wagon as one unit irrespective of its size or capacity.

# Indicates that target was not fixed.

## FIVE YEAR PLANS

Table 248A-PRINCIPAL TARGETS AND ACHIEVEMENTS-concld.  
(Fifth and Sixth Plans)

Item	Unit	Fifth Plan (1974-78)		Annual Plan (1978-80)		Sixth Plan (1980-85)	
		Target	Achiev- ement	Target	Achiev- ement	Target	Achiev- ement
		(1977-78)	(1977-78)	(1979-80)	(1979-80)	(1984-85)	(1984-85)
1	2	3	4	5	6	7	8
(b) Colleges							
(i) Arts, Science & Commerce colleges	nos.	#	3,229	#	3,336	#	..
(ii) Universities	nos.	#	105	#	108	#	..
55. Teachers Training Institutions							
(i) Teacher Training schools	nos.	#	998	#	859	#	..
(ii) Teacher training colleges	nos.	#	335	#	501	#	..
56. Technical Education							
(a) Degree courses-							
(i) Institutions	nos.	#	108	#	107	#	..
(ii) Admission capacity	nos.	#	..	#	28,992	#	..
(iii) Out-turn	nos.	#	..	#	18,998	#	..
(b) Diploma courses-							
(i) Institutions	nos.	#	297	#	295	#	..
(ii) Admission capacity	nos.	#	..	#	48,636	#	..
(iii) Out-turn	nos.	#	..	#	30,733	#	..
Health							
57. Hospital and Dispensaries beds	'000	322	314	342	332	#	..
58. Primary health centres.	nos.	..	5,400	5,499	5,484	6,000	..
59. Medical Education-							
(i) Medical colleges	nos.	106	106	106	106	#	..
(ii) Annual admission	'000	13.0	12.5	13.0	11.0	-	..
60. Training Programmes							
(i) Doctors(13)	'000	176	170	196	187	-	..
(ii) Nurses(13)	'000	123	108	139	117	-	..

(13) In practice or in service.

# Indicates that target was not fixed.

## FIVE YEAR PLANS

Table 248B-PRINCIPAL TARGETS AND ACHIEVEMENTS  
(Seventh Plan)

Item	Unit	Seventh Plan (1985-90) Target	Annual Plan							
			1985-86		1986-87		1987-88		1988-89	
			Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
1	2	3	4	5	6	7	8	9	10	
<b>Agricultural Production</b>										
1. Foodgrains total	lakh tonnes	1,732- 1,752	1,592	1,504	1,600	1441- 1,500	1,600- 1,630	1,338	1,666	
2. Rice	lakh tonnes	717- 727	635	638	650	604	640- 650	536	680	
3. Wheat	lakh tonnes	541- 551	492	470	490	456	500- 510	448	..	
4. Coarse cereals	lakh tonnes	329- 328	330	262	320	263	320- 325	236	330	
5. Pulses, total	lakh tonnes	145- 146	135	134	140	117	140- 145	118	133	
6. Oil seeds	lakh tonnes	160- 180	136	108	148	114	140- 150	94- 96	157	
7. Sugar cane(cane)	lakh tonnes	2,060	1,910	1,706	1,850-	1,825	1,800-	1,800	1,950	
8. Cotton(lint)	lakh bales(1)	95	85- 86	87	86	70	88	85	98	
9. Jute and Mesta	lakh bales(2)	95	86	127	85	86	86	70	92	
10. Tea	'000 tonnes	766	651	649	677	621	702	675	700	
11. Coffee	'000 tonnes	180	146	122	154	185	162			
12. Rubber	'000 tonnes	265	196	200	217	220	240	235	255	
<b>Irrigation and Power</b>										
Additional irrigation benefits										
13. Major and medium projects										
i) Potential created	lakh hectares	43.0	5.1	5.2	4.6	6.5	7.0	6.8	9.7	
ii) Utilisation	lakh hectares	39.0	4.9	4.5	6.6	6.5	6.4	5.3	7.4	
14. Minor projects										
i) Potential created	lakh hectares	86.0	15.2	15.7	16.4	16.7	16.8	16.2	28.8	
ii) Utilisation	lakh hectares	70.0	13.2	11.0	13.7	13.9	14.1	14.1	26.9	
15. Electricity generation (utilities)										
i) Hydro	10 cr. units	730	560	509	570	538	564	474	580	
ii) Thermal	10 cr. units	1,994	1,100	1,141	1,278	1,288	1,430	1,495	1,630	
iii) Nuclear	10 cr. units	80	40	50	52	50	56	50	55	
16. Villages-electrified	'00 nos.	1,181	207	199	216	217	214	215	171	
17. Pumpsets energised	'000 nos.	23,997	396	443	392	498	398	563	454	
<b>Co-operation</b>										
18. Agricultural credit disbursed-										
i) Short & medium terms	Rs. crores	6,040	3,100	2,604	3,300	2,987	3,525	3,525	4,400	
ii) Long terms loans (outstanding)	Rs. crores	1,030	600	564	650	625 (a)	750	700	850	

Source: Planning Commission

(1) One bale=170kgs each. (2) One bale=180kgs each.

(a) Cumulative.

## FIVE YEAR PLANS

Table 248B-PRINCIPAL TARGETS AND ACHIEVEMENTS-contd.  
(Seventh Plan)

Item	Unit	Seventh Plan	Annual Plan						
		(1985-90)	1985-86		1986-87		1987-88		1988-89
		Target	Target	Achievement	Target	Achievement	Target	Achievement	Target
1	2	3	4	5	6	7	8	9	10
Mining									
19.Coal (Including lignite)	lakh tonnes	2,412	..	1,623	1,751	1,754	1,937	1,910	206
20.Iron ore		581	482	426	521	495	550	470	555
Industrial Production:									
Metallurgical Industries									
21.Iron and steel (intg. steel plant)									
i) Steel ingots	lakh tonnes	153	98	100	107	91	107	98	112
ii) Saleable steel	lakh tonnes	..	77	78	90	82	91	86	95
iii) Pig iron for sale	lakh tonnes	11	13	11	10	13	14	12	12
22.Aluminium	'000 tonnes	499	300	264	290	257	295	252	400
Mechanical Engg. Industries									
23. Industrial machinery									
(i) Textile machinery	Rs. crores	500	440	351	440	400	440	450	490
(ii) Cement machinery	Rs. crores	80	60	96	105	98	125	65	135
(iii) Sugar machinery	Rs. crores	60	55	43	50	39	48	40	45
(iv) Paper & pulp machinery	Rs. crores	25	26	19	18	19	18	20	25
(v) Steam boilers	Rs. crores	800	550	613	800	736	800	547	850
(vi) Machine tools (organised sector)	Rs. crores	500	375	291	330	357	400	400	450
24. Railway rolling stock and components									
Locomotives									
(a) Diesel	nos.	160	157	150	171	166	184	146	184
(b) Electric	nos.	65	58	50	81	71	81	75	100
25. Automobile and ancillary industries-									
(i) Passenger cars	'000 nos.	130	95	102	110	102	135	138	145
(ii) Commercial vehicles	'000 nos.	160	110	100	110	106	100	120	125
(iii) Motor cycles, scooters and mopeds	'000 nos.	1,600	1,075	1,214	1,500	1,434	1,593	1,505	1,700

## FIVE YEAR PLANS

Table 248B-PRINCIPAL TARGETS AND ACHIEVEMENTS-contd.  
(Seventh Plan)

Item	Unit	Seventh Plan (1985-90) Target	Annual Plan							
			1985-86		1986-87		1987-88		1988-89	
			Target	Achiev- ement	Target	Achiev- ement	Target	Achiev- ement	Target	
1	2	3	4	5	6	7	8	9	10	
26. Ball and roller	lakh nos.	800	570	590	700	520	670	711	750	
27. Agricultural Tractors	'000 nos.	135	100	76	80	80	85	83	92	
28. Bicycles(org.sec.)	lakh nos.	80	50	56	57	61	65	61	70	
29. Sewing machines (organised sector)	'000 nos.	400	380	301	302	347	330	493	500	
30. Ship Building Hindustan Shipyards	'000 DWT	160	..	124	118	85	127	78	101	
Electrical Engineering Industries										
31. Electric fans	lakh nos	65	51	52	54	50	67	..	..	
32. Radio receivers	Rs. crores	270	..	125	150	126	135	135	150	
Chemicals & Allied Industries										
33. Fertilisers										
(i) Nitrogenous	'000 tonnes	6,560	4,415	4,328	5,175	5,410	5,600	5,466	6,400	
(ii) Phosphatic	..	2,190	1,319	1,428	1,775	1,660	2,100	1,665	2,200	
34. Heavy chemicals										
(i) Soda ash	..	1,140	934	918	980	983	1,158	990	1,200	
(ii) Caustic soda	..	950	700	726	795	744	784	800	865	
35. Rubber manufactures										
(i) Automobile tyres	lakh nos.	233	122	123	140	140	160	150	170	
(ii) Bicycle tyres	lakh nos.	340	320	361	340	370	380	380	390	
36. Paper and paper board	'000 tonnes	1,800	1,425	1,517	1,600	1,600	1,650	1,700	1,750	
Newsprint	'000 tonnes	340	230	270	265	285	300	287	350	
37. Cement	lakh tonnes	490	340	331	365	366	425	395	435	
38. Petroleum products	lakh tonnes	460	420	429	449	427	436	447	..	

## FIVE YEAR PLANS

Table 248B-PRINCIPAL TARGETS AND ACHIEVEMENTS-contd.  
(Seventh Plan)

Item	Unit	Seventh Plan (1985-90) Target	Annual Plan							
			1985-86		1986-87		1987-88		1988-89	
			Target	Achievement	Target	Achievement	Target	Achievement	Target	
1	2	3	4	5	6	7	8	9	10	
Textile Industry										
39. All Yarn (cotton Blended, Mixed)	crore kgs	154	143	145	150	153	150	156	157	
40. Cloth (mill sector)	crore metres	450	400	338	350	332	330	306	320	
41. Jute	'000 tonnes	1,625	1,445	1,352	1,450	1,395	1,450	1,195	1,450	
Food Industries										
42. Sugar(3)	lakh tonnes	102	72	70	84	85	80	88	90	
43. Vanaspati	'000 tonnes	1,210	1,000	869	1,100	975	1,000	1,000	1,100	
Transport and communications										
Railways										
44. Freight traffic, originating	lakh tonnes	3,400	2,770	2,864	2,980-3,000	3,059	3,160	3,200	3,320	
45. Net tonne kms.	'00 crores	..	190	206	206	213	225	..	..	
Passenger traffic										
46. No. of passengers	crores	..	340	343	365	358	369	371	382	
47. Passenger kms.	'00 crores	..	227	241	248	256	262	267	275	
48. Rolling stock wagons (four wheelers)	'000 nos.	96.0	12.5	12.4	20.0	20.0	19.0	15.9	19.5	
49. Diesel and electric locos	no.	1,235	215	200	252	236	265	226	284	
50. Electric Multiple units (Coaches)	no.	950	162	180	180	181	177	94	152	
51. Coaches (Others)	no.	6,970	1,120	1,091	1,102	1,061	1,281	1,147	1,570	
Shipping										
52. Coastal	'000 GRT	540	..	301	320	413	450	..	..	
53. Overseas	'000 GRT	6,960	6,904	5,454	5,988	5,347	5,400	..	..	
Port and harbours										
54. Traffic handled (major ports)	crore tonnes	14.7	12.6	12.0	12.8	13.0	13.4	..	..	

(3) Relates to sugar season (October-September).

## FIVE YEAR PLANS

Table 248B-PRINCIPAL TARGETS AND ACHIEVEMENTS-concl'd.  
(Seventh Plan)

Item	Unit	Seventh Plan	Annual Plan						
		(1985-90)	1985-86		1986-87		1987-88		1988-89
		Target	Target	Achievement	Target	Achievement	Target	Achievement	Target
1	2	3	4	5	6	7	8	9	10
Social service									
55. Education									
Additional enrolment									
i) Classes I-V									
Age group 6-11years	lakhs	105.94	29.87	37.41	35.38	33.82	36.00	31.49	
ii) Classes VI-VIII									59.03
Age group 11-14years	lakhs	149.36	22.85	20.80	21.23	21.51	17.29	17.51	
56. Adult education	lakhs	..	75.46	72.64	83.60	77.02	89.23	91.71	103.41
Health									
57. Minimum needs programme:									
setting up of									
i) Sub centres	nos	54,000	6,132	7,891	8,766	8,670	9,233	8,095	13,288
ii) Primary health centres	nos	12,000	1,455	1,770	1,554	1,651	2,274	2,191	3,151
iii) Community health centres	nos	1,553	298	233	278	272	257	192	312
58. Family Planning									
i) Sterilisation	lakhs	310.0	55.0	49.0	60.0	50.4	60.0	48.8	53.7
ii) IUD	lakhs	212.5	32.5	32.7	37.5	39.3	42.5	43.0	49.7
iii) Conventional contraceptives or oral pills users	lakhs	145.0	105.0	107.4	115.0	115.9	127.5	133.2	151.7
59. Immunisation									
i) T.T.(PW)	lakhs	924.5	128.5	103.6	152.0	116.7	169.3	146.1	226.8
ii) DPT (children)	lakhs	875.5	140.4	151.7	153.0	129.3	172.1	165.2	180.5
iii) Polio	lakhs	875.5	140.4	131.9	153.0	101.3	172.1	143.7	180.5
iv) B.C.G.	lakhs	..	..	65.9	153.0	120.0	172.1	162.2	180.5
v) DT (children)	lakhs	730.0	111.9	125.2	121.0	108.0	130.0	104.7	189.8
vi) Typhoid	lakhs	628.0	111.9	78.8	121.0	78.4	130.0	74.3	189.8
60. Prophylaxis against nutritional anaemia among									
i) Children	lakhs	800.0	140.0	171.5	194.3	127.7	220.0	164.6	300.0
ii) Women	lakhs	800.0	140.0	180.1	186.4	143.7	220.0	161.7	220.0
61. Prophylaxis against blindness due to vitamin 'A' deficiency	lakhs	1,500.0	249.6	293.8	289.7	301.2	300.0	409.4	300.0





## INDEX

	C-contd.	Pages		C-contd.	Pages
Cash in hand and at Bank-			Cotton,Area under . . . . .		49
Commercial Banks . . . . .	143-144		Exports of raw cotton . . . . .		246
Foreign Scheduled Banks. . . . .	143		Yield. . . . .		52
Reserve Bank . . . . .	142		Cotton Textile,Manufacture of,in		
State Bank . . . . .	143		factory Employment. . . . .		330
Cattle, Number of . . . . .	60		Crimes . . . . .		478-496
cattle, used for work . . . . .	61		Culpable homicide,Motive of . . . . .		490-492
Caustic soda, Production of . . . . .	119-120		Currency,absorption of . . . . .		477
Cement, Producation of . . . . .	121-122		Customs-Revenue . . . . .		434-437
Central Budget, Economic classification . . . . .	443-448				
Ceramics-Production . . . . .	121-122		D		
Cheques cleared, Numbr and amount . . . . .	145		Deaths-		
Chemicals-			By Accidents . . . . .		498-499
Production . . . . .	119-120		Dacoity-		
Chlorine liquid, Production of . . . . .	119-120		Number reported. . . . .		479
Chrome tanned, Production of . . . . .	117-118		Property-stolen. . . . .		481
Cigarettes, Production . . . . .	115-116		Recovered . . . . .		481
Circulation of newspapers . . . . .	526		Diamond,Production of . . . . .		88
Cities, population . . . . .	17-22				
Civil Aviation . . . . .	295-298		Disputes Industrial . . . . .		372-373
Civil Aviation, Indian and International services. . . . .	296-297		Dwelling-Number completed and under execution . . . . .		537
Coal-			Size and density . . . . .		539
Mines, earnings . . . . .	369		E		
Mines-employment . . . . .	357		Earnings-factory workers . . . . .		365
Production . . . . .	84		Average per capita,Annual, by States & by Industries . . . . .		366-368
Value . . . . .	84		Mining labour . . . . .		369
Number of mines . . . . .	80		Education . . . . .		502-520
Coasting trade . . . . .	250		of Scheduled Castes and Scheduled Tribes . . . . .		518
Coffee, Area under . . . . .	50		Expenditure on institution,Recognised- By Source . . . . .		513
Exports . . . . .	216-218		By Types . . . . .		514-515
Production (Manufacturing) . . . . .	115-116		Election to the Lok Sabha . . . . .		576,583-586
Cognizable crimes-			Vidhan Sabha . . . . .		578-579
Cases . . . . .	480		Electoral Statistics . . . . .		575-586
number reported . . . . .	480		Electors,number of . . . . .		576
Coins minted . . . . .	474-475		Electric Fans-		
Colleges, Number of . . . . .	504		Production . . . . .		125-126
Arts & Science . . . . .	505		Electric-Lamps-		
Professional and technical . . . . .	505		Production . . . . .		125-126
Scholars. . . . .	504		Electricity,Consumption of . . . . .		135-136
Commercial Banks, Assets and liabilities . . . . .	143-144		Installed capacity of . . . . .		135
Commercial establishments and shops, Employment in . . . . .	360		Generation. . . . .		135-136
Commercial Plywood, Production of . . . . .	117-118		Per Capita Consumption . . . . .		136
Communities, Religious . . . . .	33,34		Employment,Factories . . . . .		326-355
Compansation Workmen . . . . .	373		Banks. . . . .		375
Companies,Joint Stock by class & states number and paid up capital of . . . . .	161-176		Mines. . . . .		357-358
Completion certificates issued,Housing . . . . .	541		Ports. . . . .		376
Conduit pipes, Production of . . . . .	125-126		Public Sector . . . . .		324
Constituencies for elections . . . . .	580-582		Railways . . . . .		325
Construction rates, Pucca houses . . . . .	538		Shops and Commercial Establishments . . . . .		360
Consumer price index-			Employment-Inurance . . . . .		375
For agricultural labourers . . . . .	405		Employment exchange statistics . . . . .		361-364
Industrial Workers. . . . .	394-402				
Urban non-manual employees . . . . .	404				
Co-operative Banks,Assets and liabilities . . . . .	144				
Co-operative Societies . . . . .	149-159				
Number,Membership & Financial position of . . . . .	150-159				
Copper-ore, Production of . . . . .	89				
Corporation-					
Expenditure . . . . .	559-573				
Income . . . . .	544-558				
Industrial finance . . . . .	146				
State finance . . . . .	147				



## INDEX

J-contd.		Pages	N-contd.		Pages
disposal of . . . . .		489	Non-coal mining Labourers-wages and earnings . . . . .		369
delinquency cases reported . . . . .		482-483	Non-scheduled operations-		
K			Air India . . . . .		298
Kerosene, Revenue duty . . . . .		434	Indian Airlines . . . . .		298
L			Others . . . . .		298
Labour . . . . .		319-376	Notes, circulation in India . . . . .		476
Labour training . . . . .		374	Notes, India, Issue by denominations . . . . .		476
Leather, production of . . . . .		117	Number, villages & towns electrified . . . . .		139
Letters, postcards, newspapers, parcels and packets, Number of . . . . .		306	Number of newspapers and periodicals . . . . .		522-525
Liabilities and assets, banks . . . . .		142-144	O		
Livestock and fisheries . . . . .		59-64	Octroi Tax, Corporations . . . . .		544-558
Local Bodies . . . . .		543-574	P		
Corporations-Income & Expenditure . . . . .		544-573	Paints & varnishes, Production . . . . .		119-120
Local Bodies, Employment in . . . . .		324	Panchayat samities, Number & coverage . . . . .		574
Lok Sabha, Election to . . . . .		576,583-586	Panchayats Samities, & Zilla Parishads . . . . .		574
M			Paper & paper board, Production . . . . .		117,118
Machinery and implements, Agricultural . . . . .		58	Payments, Balance of . . . . .		234-248
Machine tools, Production of (Value) . . . . .		123,124	Periodicals, Newspapers and Number published . . . . .		522-525
Magnesite, Production of . . . . .		93	Persons arrested. . . . .		490-492
Manganese-ore, Production of . . . . .		90	Plans, Five Year, Principal targets and achievements . . . . .		596-606
Man-made fibre fabrics, Production of . . . . .		114	Plywood and teacheasts, Production . . . . .		117-118
Matches, Production of . . . . .		119-120	Police-		
Mental hospitals . . . . .		531	Strength . . . . .		495
Mental patients, Mortality and costs to Government . . . . .		531	Population-		
Merchandise, Value by Principal countries-			Area and by states . . . . .		3
Exports . . . . .		216-218	By districts . . . . .		4-14
Imports . . . . .		213-215	Cities . . . . .		17-22
Re-exports . . . . .		219-220	Mid-year . . . . .		37
Value of Trade-			Towns and villages . . . . .		15-16
Economic Regions . . . . .		221-222	Ports, Employments in . . . . .		376
Metal production . . . . .		123,124	Posts and Telecommunications . . . . .		303-318
Meteorological data . . . . .		38-42	Post Office, Capital account Expenditure . . . . .		311
Mica, Production of . . . . .		91	Post Office, General statistics . . . . .		305
Mid year population . . . . .		37	Post Office, Receipts and charges . . . . .		310
Milk, Production of . . . . .		62	Poultry, Livestock Number . . . . .		60
Mines-Accidents . . . . .		370	Prices . . . . .		387-406
Employment in . . . . .		357,378	Gold & Silver. . . . .		407-473
Industrial injuries . . . . .		371	Silver . . . . .		473
Mining. . . . .		79-95	Index numbers of consumer . . . . .		494-499
Mining Labour, Wages and earnings of. . . . .		369	Index numbers of security . . . . .		406
Money rates in India . . . . .		472	Index numbers of wholesale . . . . .		391-393
Money orders . . . . .		308	Private sector, Estimated employment in . . . . .		324
Motor spirits, Central Govt. Revenue from . . . . .		434	Production-		
Motor Vehicles . . . . .		262-267	Principal crops . . . . .		51-53
Motor Vehicle, Taxes . . . . .		264	Forest Produce . . . . .		68-69
Mulberry raw silk-Production of. . . . .		74	Industrial . . . . .		115-126
N			Man-made fabrics . . . . .		114
National Finance. . . . .		418-448	Milk . . . . .		62
National Highways, Length of . . . . .		269-270	Mineral . . . . .		84-92
National Product. . . . .		408-417			
Newspapers and periodicals, Number of . . . . .		522-525			

## INDEX

P-contd.		Pages	R-contd.		Pages
Sericulture . . . . .		73-75	Roads . . . . .		268-275
Raw wool . . . . .		63	Accidents . . . . .		498-499
Programme, Family welfare . . . . .		532	Central Govt. expenditure . . . . .		275
Property tax, Corporation . . . . .		544-558	Robbery-		
Public health expenditure of Corporations . . . . .		559-573	Robbery Number reported . . . . .		479
Public Health Statistics . . . . .		527-532	Property stolen . . . . .		481
Public Sector, Outlay for . . . . .		588-592	Recovered . . . . .		481
Public works expenditure, Corporation . . . . .		559-573	Rural population . . . . .		3
R			S		
Railways . . . . .		249-261	Safety & Convenience Expenditure		
Accidents . . . . .		260-261	Corporations . . . . .		559-573
Capital-at-charge . . . . .		251,253,256	Salt, manufacture of . . . . .		115-116
Financial Results . . . . .		257	Salt Production of . . . . .		91
Goods wagons . . . . .		251,254	Salaries, Wages paid to all employees of		
Goods quantity carried and earning from . . . . .		251,253	Corporations . . . . .		559-573
		259	Saving Banks, post Office . . . . .		309
Gross earnings . . . . .		259,251	Scheduled Bank, Foreign, Liabilities and		
		253,254	assets . . . . .		143
Mileage open for Traffic . . . . .		251,253,257	Scholars in Educational Institution . . . . .		500
Net earning . . . . .		251,253,257	Schools, number of . . . . .		504-506
Passengers, Number originating . . . . .		251,253,255	Expenditure on . . . . .		514-515
Percentage of Net earnings to total . . . . .		251,253	Sea Customs-Exports . . . . .		436
Capital at charge . . . . .		256,257	Imports . . . . .		434-435
Percentage of working expenses to gross		251,253	Sericulture . . . . .		73-75
earnings . . . . .		256,257	Mulberry(Raw) Silk production . . . . .		74
Revenue Account of . . . . .		258	Non-mulberry(Raw) Silk production . . . . .		74
Rolling stock . . . . .		252,254	Raw silk production . . . . .		74
Staff . . . . .		252,254	Silk Yarn . . . . .		74
Train Kilometre . . . . .		252,254	Sewing machines, Production . . . . .		123-124
Weight of goods carried . . . . .		251,253	Shipping . . . . .		276-294
Working expenses . . . . .		251,253,256	Shipping, number and tonnage of vessels		
Rainfall, monthly and annual . . . . .		39-42	entered by nationality . . . . .		283
Actual . . . . .		39-42	Number and tonnage of Vessels cleared . . . . .		284
Normal . . . . .		39-41	Vessels entered & cleared . . . . .		279-282
Rates, Construction of Pucca houses . . . . .		538	Shops and Commercial Establishment-		
Raw wool, Production of . . . . .		63	Employment . . . . .		360
Regeneration and afforestation, Forests . . . . .			Silver, Coins . . . . .		474-475
Progress of . . . . .		72	Soap Production . . . . .		119-120
Registered Trade Union, Statistics . . . . .		378-389	Spot prices of gold . . . . .		473
Religious communities . . . . .		33-34	State Financial Corporations Liabilities		
Reserve Bank of India-			and assets of . . . . .		147
Liabilities and assets of the banking			State and Quasi Government establishment . . . . .		
department . . . . .		142	Employment in . . . . .		324
Revenue accounts-Govt. of India . . . . .		420-424	State transport undertaking-Number of		
-States . . . . .		428-431	Vehicles, Bus Kilometres, Receipts and		
Revenue and expenditure, General . . . . .		432-433	Expenditure, Net revenue . . . . .		267
Customs . . . . .		434-437	Steel and Iron, Production . . . . .		123-124
Excise, Union . . . . .		438	Sugar, Price, Wholesale Index . . . . .		391
Rice, Area under . . . . .		48	Capacity Installed . . . . .		115-116
Area under irrigation, gross . . . . .		78	Production . . . . .		115-116
Yield . . . . .		54	Sugarcane		
			Area under crop . . . . .		50
			Area under irrigation . . . . .		78
			Yield of . . . . .		53
			Sugar factories, Average daily number of		
			workers employed . . . . .		329

## INDEX

	Pages		Pages
S-contd.		T-contd.	
Suicides-number of		Training Labour . . . . .	374
by age group . . . . .	500		
by causes . . . . .	500-501		
by sex . . . . .	500	U	
Sulphuric acid, Production of . . . . .	119-120		
		Union Excise Duties, Revenue from . . . . .	438
		Universities	
		Expenditure . . . . .	514
		Number of . . . . .	505
T			
		V	
Taxes			
Corporation, Receipts and Expenditure . . . . .	439-440	Variation in Population, Percentage . . . . .	23-25
Excess profits . . . . .	441-442	Vegetable oils, Production . . . . .	115-116
Income . . . . .	449-468		
Tea, Exports of . . . . .	225	Vehicles, Motor . . . . .	262-267
Tea, Production of . . . . .	115-116	Number of . . . . .	263
Telegraphs		Revenue from . . . . .	264-265
Lines & wires, length of . . . . .	311	Villages, electrified . . . . .	137
Offices . . . . .	315	Villages, Number of . . . . .	15-16
Telephone		Village panchayats, Number and coverage . . . . .	574
Lines . . . . .	312	Vidhan Sabha, Elections to . . . . .	578-579
Offices . . . . .	312	Vocational/professional education, Schools . . . . .	506
Terminal Tax, Corporations . . . . .	544-558	Votes, polled Number of . . . . .	576,578,579 & 583-585
Textiles, Production of . . . . .	115-116		
Theft : Number reported . . . . .	479	W	
Property stolen . . . . .	481		
Tobacco, Area under . . . . .	50		
Yield of . . . . .	53		
Toll Tax, Corporations . . . . .	544-558		
Towns, Number and population of . . . . .	15-16		
Towns electrified . . . . .	139		
Trade . . . . .	185-233	Wages	
Trade, Balance of Overall . . . . .	191	Wages and earning, Mining labour Coal & non-coal . . . . .	369
Coasting . . . . .	229	Wages and salaries, Corporation employees . . . . .	559-573
Export of Merchandise, Principal countries of destination, Value . . . . .	216-218	Annual average earning of factory employees . . . . .	367-368
Exports of principal articles of Merchandise, Value, quantity . . . . .	219,220	Wheat	
Foreign, by Sea, Air & land . . . . .	191-220	Area under . . . . .	48
		Imports of . . . . .	194,195
Foreign, Imports and Exports, variation in the quantum and price level of the Index numbers . . . . .	227-248	Yield of . . . . .	51
Imports from principal countries of consignment, Value . . . . .	213-215	Wheat flour-Production . . . . .	115-116
Import of principal articles of Foreign Merchandise, Value and quantity . . . . .	223-224	wholesale prices-Index numbers of . . . . .	391-393
Re-exports, by countries, Value . . . . .	219,220	Wool, Raw Exports and Imports of . . . . .	223-225
Total value of Merchandise & Treasure . . . . .	191	Woollen Manufacturers . . . . .	115-116
Trade Unions . . . . .	377-386	Workmen's Compensation . . . . .	373
Balance, opening and closing of general fund . . . . .	384-386	Y	
Expenditure . . . . .	384-386		
Income . . . . .	384-386	Yarn, Cotton mill, Production of . . . . .	11
Membership . . . . .	381-386		
Number of . . . . .	381-383	Z	
		Zilla Parishads, Number and coverage . . . . .	574
		Zinc oxide, Production . . . . .	119-120